

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.73

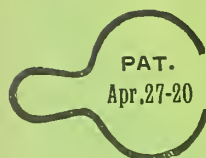
OVER 31 YEARS OF SUCCESSFUL BUSINESS

MICHELL'S SEEDS

SPRING 1923

WHOLESALE PRICE LIST

Bulbs, Plants, Etc., for Florists and Market Gardeners



PAT.
Apr. 27-20

BUSCHARDT'S PLANT TIE

THE ideal, efficient, practical and inexpensive way to tie plants to stakes, much quicker than twine or raffia; especially desirable for use on decorative plants sold in your store, always look neat. For greenhouse purposes they can be used over and over again. Packed 1000 to a box.

\$2.00 per 1000; 5000 for \$9.50; \$18.00 per 10,000

If wanted by parcel post add 10% for postage.

Sold and recommended by

MICHELL'S SEED HOUSE

518-516 Market Street



NEW GIANT DAHLIA FLOWERED ZINNIA

	Trade pkt.
CRIMSON GIANT.....	\$0.50
DREAM. Deep lavender turning to purple.....	.50
EXQUISITE. Light rose, centre deep rose.....	.50
GOLDEN STATE. Orange yellow.....	.50
OLD ROSE.....	.50

	Trade pkt.
ORIOLE. Orange and gold.....	\$0.50
POLAR BEAR. Pure white.....	.50
SCARLET FLAME. Scarlet with blending of orange.....	.50
MIXED COLORS. Oz., \$2.00; \$7.50 per ¼ lb.....	.40

FOR FULL DESCRIPTION, SEE PAGE 6

HENRY F. MICHELL CO., 518-516 MARKET ST. PHILADELPHIA, PA.

**NOTICE TO CUSTOMERS
OUTSIDE OF THE
UNITED STATES**

In remitting for purchases at the time of ordering, or when paying accounts, by reason of the Exchange we ask that you please send P. O. Money order in U. S. Funds or a check or draft on a New York or Philadelphia Bank in our U. S. Funds.

**WE ESPECIALLY INVITE
CHARGE ACCOUNTS**

A charge account is more convenient than to remit for each order at the time it is sent us; you pay no more for your goods by reason of this accommodation. As to our responsibility, we refer you to **Dun's or Bradstreet's Mercantile Agency** or any bank or trust company.

When sending your first charge order, refer preferably to someone in either your own or our line of business with whom you have a charge account. This frequently saves delays.

DISCOUNTS

On bills for Flower, Vegetable Seeds and Bulbs, a discount of 2 per cent. for payment 10 days from date of bill may be deducted; if cash accompanies the order, 3 per cent. may be deducted on such items. All other goods are strictly net, as are also bills for goods supplied under special quotations unless otherwise agreed upon.

We cannot make shipments of Plants or Cold Storage Bulbs C. O. D., and shipments of goods C. O. D. outside of our automobile delivery limits can only be made that way provided a partial remittance is sent with the order to guarantee that the goods will be accepted on arrival.

IMPORTANT NOTICE.—All shipments of plants, perishable stock and cold storage bulbs are made at buyers' risk only.

If such shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, will hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

Our custom to guarantee the **actual arrival** of goods, except at points where there is no freight or express agent, will still be continued, and claims for loss or **non-arrival** of merchandise **not perishable** will, as in the past, be cared for by us, so you run no risk of having to make claims for lost goods.

CONDITIONS OF SALES

All contracts, sales and acknowledgments of orders are contingent upon crop failures, partial deliveries by growers or manufacturers, strikes, or other unavoidable causes beyond our control; also unsatisfactory credit standing. All quotations are subject to market changes and goods being unsold on receipt of order. Henry F. Michell Co. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once and no sale has been made. No responsible seedsman can give a warranty.



HENRY F. MICHELL { PRESIDENT
SECRETARY

FRED'K J. MICHELL { VICE-PRESIDENT
TREASURER

HENRY F. MICHELL CO.

**SEEDS BULBS. PLANTS. GARDEN SUPPLIES. FERTILIZERS.
INSECT DESTROYERS. POULTRY SUPPLIES, ETC.**

WAREHOUSES { 509-11-13 LUDLOW ST.
AMERICAN AND DAUPHIN STS. 518-516 MARKET ST., PHILA.

BELL AND KEYSTONE
TELEPHONES

NURSERIES AND PLANT HOUSES, ANDALUSIA, PA.

From _____

Post Office _____

State _____

PUT
STAMP
HERE

MICHELL'S SEED HOUSE

518-516 MARKET STREET

Philadelphia, Pa.



ORDER NO.

Date_____192_____ HENRY F. MICHELL CO., 518-516 Market St., PHILADELPHIA, PA.

Ship To (Please prefix NAME Mr., Mrs. or Miss) _____ c/o _____

Street _____ P. O. Box _____

Post Office _____ R. F. D. No. _____

Freight or
Express Address _____

County _____ State _____

Charge to _____ Charge Address _____

Please DO NOT Write in Space Above

[illegible]

Shipped Via and Date_____

IF OUT OF VARIETY ORDERED HAVE WE YOUR PERMISSION TO
SUBSTITUTE EQUAL OR BETTER IN NEAREST WE CAN SUPPLY?

[illegible]

PLEASE DO NOT ASK QUESTIONS ON THIS ORDER SHEET, BUT WRITE THEM, AND ALL COMMUNICATIONS REQUIRING AN ANSWER, ON A SEPARATE SHEET AND ENCLOSE WITH ORDER, TO INSURE A MORE SPEEDY REPLY.

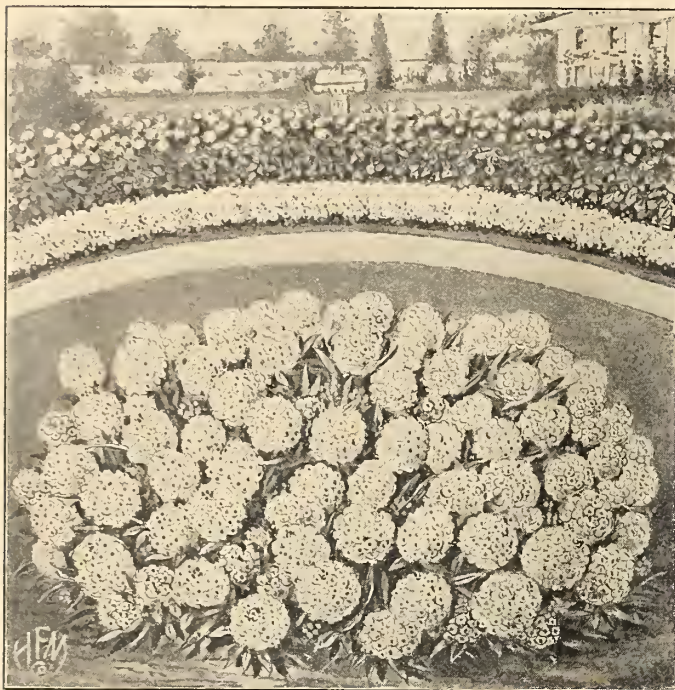
HENRY F. MICHELL CO. give no warranty, expressed or implied, as to the description, purity or productiveness of any seeds, plants or bulbs they send out and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once.

1

SEEDS		Page	SEEDS		Page	SEEDS		Page
Clovers		61	Potatoes		66	Glazing Cement		90
Corn (Field)		61	Privet		67	Glazing Points		90
Warm Seeds		61	Pueraria		67	Grafting Tool		81
Clover Seeds		2-27				Grafting Wax		81, 88
Brass Seeds		60, 60A	Ranunculus		66	Grape Dust		94
Herb Seeds		59	Rhubarb Roots		56	Grass and Grain Fertilizer		92
Mushroom Spawn		50	Rudbeckia		66	Grass Catchers		77
Vegetable Seeds		28-59				Grass Grower		93
BULBS AND PLANTS			Saponaria		66	Grass Hooks		78
Achillea		63	Sedum		66	Grass Shears		78
Alyssum		63	Senecio		66	Greenhouse White		90
Ampelopsis		67	Shallots		51			
Anchusa		63	Solidago		66	Handy Gardener		80
Anthemis		63	Sweet Potato		54	Hanging Baskets		86
Artichoke		32	Sweet William		66	Harrows		76
Artemisia		63				Heaters		83
Aquilegia		63	Tomato		58	Hedge Shears		80
Arabis		63	Tritoma		66	Helleboro		94
Asparagus		32, 162	Tuberoses		70	Hoes		79
Asters		63	Zephyranthus		70	Hog Manure		93
			MISCELLANEOUS			Horn Shavings		93
Begonias		68	Acid Phosphate		92	Horse Manure		93
Berberis		67	Alphano Inoculant		92	Hose		3rd cover, 82
Bocconia		64	Ant. Exterminator		94	Hose Bands		82
Boltonia		64	Anti-Clover Fertilizer		94	Hose Connections		82
Boxwood		67	Aphine		94	Hose Couplings		82
Brussels Sprouts		36	Aphis Punk		92	Hose Coupling Parts		82
Buddleia		67	Aprons		82	Hose Menders		82
			Arsenate of Lead		92	Hose Nozzles		82
Cabbage		39	Ashes		92	Hose Reducers		82
Caladium		68	Asparagus Bunchers		32, 78	Hose Washers		82
Callas		69	Asparagus Fertilizer		78	Hotbed Mats		83
Campanula		64	Asparagus Knives		32, 78	Hotbed Sash		83
Cannas		71	Asparagus Tape		32, 78	Humus		93
Carnations		64	Bacteria		92	Hyacinth Stakes		88
Caryopteris		64	Basket Hooks		86	Hydrant Attachment		82
Cauliflower		37	Bean Poles		34	Hydrometers		95
Celery		40	Bellows		86	Inoculating Bacteria		92
Chives		39	Black Leaf 40		94	Insecticides		94, 95
Chrysanthemums		64	Blood (Dried)		92	I. X. L. Compound		94
Cinnamon Vine		68	Blood Flour		92	Kainit		93
Clematis		67	Bon Arbor		92	Kaylox		94
Coreopsis		64	Bone (Coarse Ground)		92	Kerosene Emulsion		94
Cyclamen Seedlings		62	Bone-Flour		92	Kirke System		85
			Bone Meal		92	Knives		81
Dahlias		72, 73	Books		91	Knives (Potato)		54
Delphinium		65	Bordeaux Arsenate		94	Labels		86
Dianthus		64	Bordeaux Mixture		94	Ladders		78
Digitalis		65	Borer Wax		94	Land Plaster		93
			Brooms		80	Lawn Mower Oil		77
Egg Plant		44	Brushes		80	Lawn Mowers		77
Eryngium		65	Bug Death		94	Lawn Sand		93
Eupatorium		65	Bulb Pans		96	Lawn Trimmers		77
			Bull Dog Clips		88	Leaf Mould		88
Ferns		62	Cane Stakes		88	Lemon Oil		94
Funkia		65	Carbolineum		94	Lime		93
			Carnation Dye		88	Limestone		93
Gaillardia		65	Carnation Menders		87	Lime Sulphur		95
Garlic		44, 51	Carnation Supports		86	Liquid Manure Distributor		85
Geranium		62	Celery Bleachers		40, 78	Lopping Shears		80
Gladolus		74, 75	Celery Handlers		40, 78	Mag-O-Tite		95
Gloxinias		69	Celery Hiller		78	Manure		3rd and 4th cover, 92, 93
Gypsophila		65	Celery Paper		40, 78	Marking Pencils		86
			Celery Tape		40, 78, 88	Mastica		90
Helianthus		65	Charcoal		88	Mastica Machine		90
Heliopsis		65	Chrysanthemum Manure		92	Masticote		90
Hemerocallis		65	Clay's Fertilizer		92	Melon		48
Hibiscus		65	Clensel		94	Melrosine		95
Honeysuckle		67	Copper Solution		94	Mole Traps		80
Hop Vine		44, 67	Cottonseed Meal		92	Mo-Lo		95
Horseradish		44	Cow Manure		4th cover, 92	Moss		87
Hyacinthus		69	Crepe Paper		87	Mowers		77
Hydrangeas		62	Crow Repellant		61	Mulford Culture		92
Hypericum		65	Cultivators		76	Muriate of Potash		93
			Cultivator Teeth		76	Mushroom Spawn		50
Iris		65	Cut Flower Boxes		87	Nico Fume		95
Ismene		69	Cut Flower Vases		96	Nico-Fume Tobacco Powder		95
Ivy		67	Cut Worm Destroyer		94	Nicotine		95
			Cyanegg		94	Nicotine Fumigator		95
Lettuce		47	Dalmatian Powder		94	Nikoteen		95
Lilies		70	Design Boxes		87	Nitrate of Soda		93
Lily of the Valley		69	Dibbles		79	Nozzles		82, 85
Lysimachia		66	Dusters		85	Orchid Pans		96
Lythrum		66	Extension Pipes		85			
			Farmogerm		92	Paper		87
Matricaria		66	Fern Dish Liners		96	Para Dichlorobenzine		95
Mexican Vine		69	Fern Pans		96	Paris Green		95
Mint		45	Fertilizer		92, 93	Paris Green Shakers		85
Monorda		66	Fertilizer Distributors		76	Peat		88
Montbretias		69	Fibre Saucers		96	Pebbles		88
			Fibre Vases		96	Phosphate		92, 93
Onion Sets		51	Fish Oil Soap		94	Plant Food		93
Oxalis		70	Flower Pots		96	Plant Stakes		88
			Flyosan		94	Plant Stands		83
Pachysandra		66	Forks		79	Plant Tie		88
Palms		62	Fumigators		86	Plant Tubs		3rd cover, 91, 96
Pandanus		63	Garden Line		78	Plaster		93
Parsley		52	Garden Reels		78	Plow Line Cotton		78
Pepper		52	Getz There Soap		94	Plows		76
Phlox		66	Glass Clamps		90	Poles		88
Plumbago		66	Glass Cleaner		90	Potato Fertilizer		93
			Glass Cutters		90	Potato Knives		54

MICHELL'S NOVELTIES AND SPECIALTIES IN FLOWER SEEDS FOR 1923

FOR GENERAL LIST OF FLOWER SEEDS SEE PAGES 7 TO 27



Alyssum, Michell's Bouquet

ALYSSUM

MICHELL'S BOUQUET

This new variety is of exceedingly dwarf and compact growth, very free flowering, plants forming a perfect bouquet of miniature white flowers. A perfect gem for edging. The plants commence to bloom when quite small and continue until frost. Our stock is grown by a special grower and is extra fine. Trade pkt., 40c.; \$2.00 per oz.

GIANT SNAPDRAGONS

(ANTIRRHINUM)

Special Forcing Varieties

Canary Bird. A pure and delicate canary yellow. Trade pkt. 40c.; \$2.50 per oz.

Cattleya. Silver rosy lilac; golden yellow lip. Trade pkt., 40c.; \$2.00 per oz.

Golden Pink Queen. Very popular; free bloomer. Trade pkts., \$1.00; \$5.00 per 6 trade pkts.

Keystone. Large spikes; color, rose pink. Trade pkt., 75c.

Philadelphia Pink. Considered to be the finest pure pink; long stout stems. Trade pkt., \$1.00; \$5.00 per 6 trade pkts.

Silver Pink. Soft silvery pink; free bloomer. Trade pkt., \$1.00; \$5.00 per 6 trade pkts.

Snowflake. Lovely white, with fine yellow throat. Trade pkt., 40c.; \$2.50 per oz.



Snapdragon, Philadelphia Pink



Aster, California Giant

NEW ASTER

CALIFORNIA GIANT

A new variety of the Crego type with the robust habit of growth and long stems of the Beauty type. Flowers larger than Crego and stand up well, shipped as cut flowers. Their immense size and beauty, as well as their long and sturdy stems make them very attractive when arranged in floral work.

Trade Pkt. Oz.

Dark Purple.....	\$0.50	\$4.00
Deep Rose.....	.50	4.00
Light Blue.....	.50	4.00
Peach Blossom.....	.50	4.00

ASTER, MICHELL'S PINK SUPERB

The flowers are of immense size, petals long and broad, those in the centre being curled and incurved to such an extent that the crown is completely covered. Color, beautiful shell pink; flowers are borne on long stems, making it a valuable sort for cutting. Trade pkt., 50c.; \$2.50 per oz.

See page 8 for complete list of Antirrhinums.
See pages 9 to 11 for General List of Asters.



Aster, Heart of France

ASTER, HEART OF FRANCE

A new variety, description of which we quote from the introducers: "The best red Aster ever introduced. It opens red as the ruby, deepens with age and retains its remarkable beauty to the very end. The petals appear strikingly changeable, showing a glow and sheen quite unique. The flowers are large and full with no trace of a hollow center; plants are of branching type and very robust; stems long and strong." Trade pkt., 40c.; \$2.50 per oz.



Aster, Pacific Beauty

ASTER, PACIFIC BEAUTY

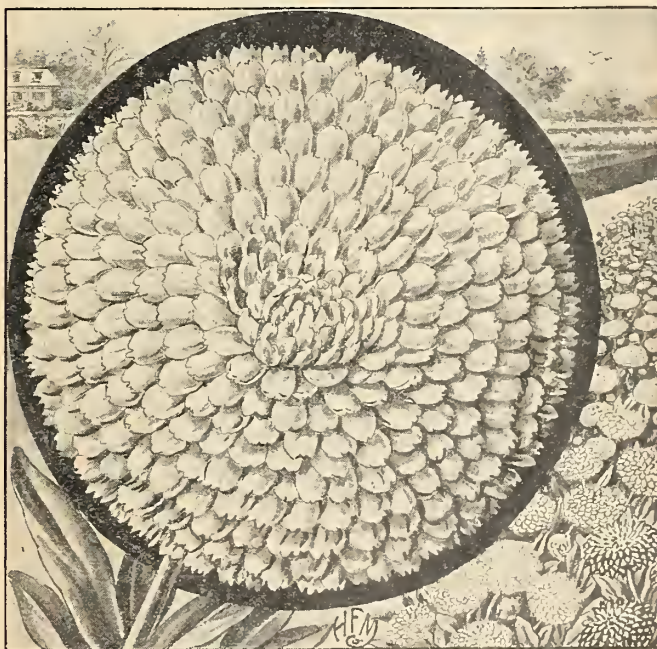
A new variety of the Giant Comet type; petals are wide and long and so gracefully curled as to give it an unusually attractive appearance. The plants are of vigorous growth, bearing a profusion of immense flowers, often measuring five to six inches in diameter. Color, a beautiful shade of rich lavender. Blooms from mid-season to late. Trade pkt., 50c.; \$3.00 per oz.



Blue Lace Flower

BLUE LACE FLOWER (*Didiscus Coeruleus*)

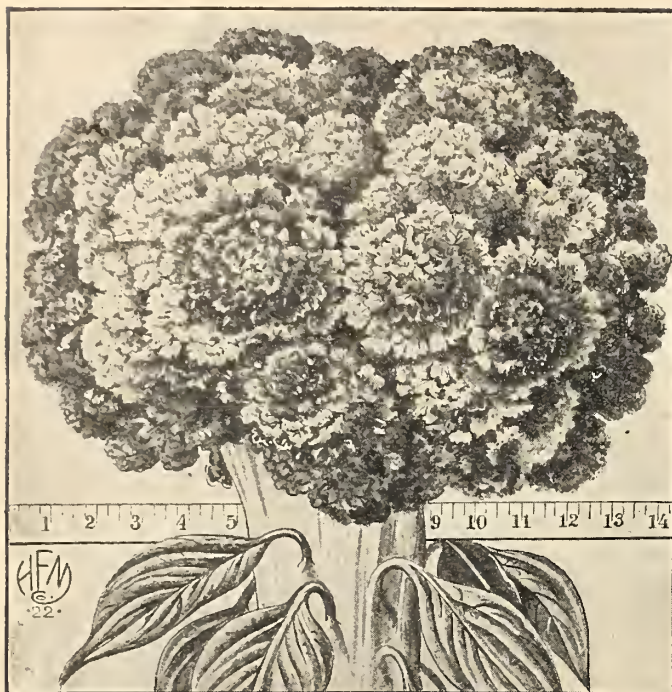
A beautiful annual, growing about 1½ feet high, and blooming from July until frost; excellent for cutting; large, finely laced flowers of a lovely pale lavender color. Trade pkt., 40c.; \$2.00 per oz.



Calendula, Michell's Special Forcing

CALENDULA MICHELL'S SPECIAL FORCING

We have an extra fine strain of this popular flower grown for us by a very careful grower, seed being saved from plants producing large, perfectly double flowers; excellent as a pot plant or for bedding, as well as for cutting. Color, rich orange yellow. Trade pkt., 50c.; \$2.00 per oz.; ¼ lb., \$7.00.

*Celosia, Chrysantheflora***CELOSIA, CHRYSANTHEFLORA**

A cross between *Celosia Cristata* and the *Plumosa* variety, *Pride of Castle Gould*. Plants are half dwarf with immense round heads of flowers in a great variety of colors, including salmon, pink and bronze; blooms from middle of July to Nov. 1st. When cut and hung upside down in a dark, cool place they will dry and retain their beauty and color indefinitely. Florists who have seen this variety dried, commend its usefulness very highly. It is beautiful in bouquets, baskets or wreaths for Christmas and Decoration Day. Stems 24 to 60 inches long. Trade pkt., \$1.00.

**CHRYSANTHEMUM, New Early Flowering
Double and Semi-Double**

A new class of perennial *Chrysanthemums* attracting extraordinary attention on account of its wonderfully showy effect. Sown in the greenhouse or in frames in February and transplanted in May, it starts blooming early part of July and continues to be in full flower until frost. The flowers come in a variety of colors, and include exquisite shades of old rose, coppery red, dark brown, brown with gold edge, etc. Plants grow about one foot high and quite bushy. Equally valuable for pot plants or cut flowers. Trade pkt., 60c.; \$1.00 per $\frac{1}{2}$ oz.

**LINARIA MACEDONICA SPECIOSA
"NYMPH"**

A strikingly handsome hardy perennial, blooming freely the first year when sown early. Plants $2\frac{1}{2}$ to 3 feet high, robust and vigorous; glaucous green foliage with tall spikes of flowers, crowded in dense racemes. The flowers are one inch across and nearly two inches long, including the spur; clear cream color, with large orange yellow spot on the lower lip; plants remain in bloom for a long time; excellent for cutting. Trade pkt., 50c.

MYOSOTIS (Forget-Me-Not)**Mitchell's Winter Flowering**

The finest variety for forcing. Sow in June in cold frame and transplant in a cool house for winter blooming. Large, deep blue flowers borne in great profusion, on long stems; excellent for cutting. Trade pkt., 50c.; \$3.50 per oz.

Testimonial

Have had splendid results from all of your flower seeds.
Omulgee, Okla.
H. D. E.

*Cosmos, Double Extra Early***DOUBLE COSMOS****Extra Early Flowering**

The new double flowering strains of *Cosmos* are becoming very popular with the florists for cutting. This new early flowering strain will begin blooming in July and will continue until frost. The flowers are full, round and double, and very attractive.

	Trade Pkt.	Oz.
Crimson.....	\$0.60	\$4.00
Pink.....	.60	4.00
White.....	.60	4.00
Mixed.....	.50	3.00

*Myosotis, Mitchell's Winter Flowering*



Portland Petunia

PORTLAND PETUNIAS

This new strain of Petunias was grown for us by a Specialist, seed bearing plants being raised in balcony boxes and flowers artificially pollinated. For planting of veranda boxes and for choice potted plants or for bedding out, these Petunias in select colors, never fail to appeal to the most critical buyers. With these Petunias the choicest seedlings are generally the slowest to develop.

Elks Pride. Deep, royal purple flowers of large size; free grower. Trade pkt., \$1.00; \$2.00 per $\frac{1}{2}$ oz.

Irvington Beauty. A free blooming dwarf type, with peach blossom colored flowers of good size; fringed edges and distinct white throat. Excellent for pots or bedding. Trade pkt., \$1.00; \$2.00 per $\frac{1}{2}$ oz.

Pride of Portland. Large, deep rose pink fringed flowers, with whitish yellow throat; fine for pots or box planting. Trade pkt., \$1.00; \$2.00 per $\frac{1}{2}$ oz.

Scarlet Beauty. A strong grower with medium sized fringed flowers; color, shading from cherry red to deep maroon towards the center. Trade pkt., \$1.00; \$2.00 per $\frac{1}{2}$ oz.

White Beauty. Fine pure white flowers in greatest profusion; good sized flowers with fringed edges. Excellent for veranda box planting. Trade pkt., \$1.00; \$2.00 per $\frac{1}{2}$ oz.

POPPY, American Legion

A new single Shirley poppy, with flowers of immense size, on long, stout stems, and are good keepers when cut in bud. Color, dazzling orange scarlet. The plants are of robust growth. Trade pkt., 25c.; \$1.00 per oz.

PRIMULA OBCONICA GIGANTEA

Monster Strain

An extra large flowering type of this popular Primula. Seeds grown for us by a Specialist. Trade Pkt.

Apple Blossom. Soft pink	1.00
Kermesina. Deep crimson	1.00
Plathii. Brilliant deep rose	1.00
Rosea. Pink	1.00
Mixed Colors	1.00

San Antonio, Texas.

All the seeds I received from you have given good results. Primula Obconica raised from your seed has given, in quantity and quality, brilliant results.

W. S.

SALVIA (Scarlet Sage)

AMERICA OR GLOBE OF FIRE

An extra fine type of this popular flower; of dwarf, bushy, compact growth, and very uniform in height and shape. A free and continuous bloomer, and produces large spikes of brilliant scarlet flowers. We consider this variety an improvement over any other dwarf Salvia. Half trade pkt., 30c.; 50c. per trade pkt.; $\frac{1}{4}$ oz., \$1.25; \$4.50 per oz.

SCHIZANTHUS

GARAWAY'S HYBRIDS

A grand strain; plants grow about 2 feet high, with fern-like foliage and bearing a profusion of large flowers, all with handsome markings on a white, buff, brilliant rose, rich blue or purple ground. If seed is sown in February plants will bloom in summer, and if sown in May or June will make handsome subjects for winter. Trade pkt., 50c.

See pages 7 to 27 for General List of Flower Seeds.



Stock, Michell's Flower Market

MICHELL'S FLOWER MARKET STOCK

A branching stock of remarkable vigor of growth and size of bloom; produces its flowers evenly distributed over the stem and very early. A single plant will produce from 10 to 15 separate flower branches equally perfect.

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Oz.
Blood Red	\$0.30	\$0.50	\$2.50
Dark Blue	.30	.50	2.50
Flesh Pink	.30	.50	2.50
Light Blue	.30	.50	2.50
Rose Pink	.30	.50	2.50
White	.30	.50	2.50
Mixed Colors	.30	.50	2.25

ZINNIA

GIANT DAHLIA FLOWERED

This splendid new and distinct race is without a doubt the greatest improvement in Zinnias yet developed, and will greatly increase the popularity of this flower. The plants are of strong, vigorous habit, from 2½ to 3 feet high, and producing mammoth flowers 4 to 6 inches across and 2½ to 3 inches deep. The broad petals are closely imbricated, sometimes seeming almost to be piled one upon the other, the flowers so closely resembling decorative Dahlias that when placed by their side, it is difficult to distinguish one from the other. This new strain is valuable for growing under glass for cutting, requiring the same treatment as the Calendula. One of our customers writes that he planted the Zinnias in September and exhibited at the Chrysanthemum Show in Philadelphia, in November, blooms on disbudded stems that measured 6 inches in diameter; stems 2 to 3 feet long. Cutting them 3 eyes from the ground they made new breaks and were in bloom by the thousands Christmas and late in January. As a quick crop under glass they pay well. We are pleased to be able to offer our customers this season this new strain in separate colors.



Zinnia, Giant Dahlia Flowered

	Trade Pkt.
Crimson Giant. One of the largest and best of the red shades; plants very vigorous.....	\$0.50
Dream. A fine, deep lavender turning to purple, a new, desirable shade in Zinnias.....	.50
Exquisite. One of the most pleasing in the collection; truly Dahlia flowered as regards form and size; color, light rose, with deep rose centre.....	.50
Golden State. A very rich orange-yellow; yellow in the bud, turning to an attractive orange when in full bloom.....	.50



Zinnia, Picotee

	Trade Pkt.
Old Rose. A very desirable shade; flowers large and of fine form.....	\$0.50
Oriole. One of the most beautiful of its class; an immense orange and gold bicolor, changing slightly as it ages.....	.50
Polar Bear. A very large pure white; the best white yet seen in Zinnias.....	.50
Scarlet Flame. A large, beautiful bright scarlet, with a delightful blending of orange throughout the petal.....	.50
Mixed Colors. A well blended mixture, covering a wide range of colors and shades. Oz., \$2.00; \$7.50 per ¼ lb....	.40

DOUBLE PICOTEE ZINNIAS

The flowers of this class, while not as large as the Double Giants, are very effective in appearance, as the edges of the petals are all well marked with a distinct color to the body of the flower, making them very attractive as bedders and cut flowers.

	Trade Pkt.	Oz.	¼ lb.
Golden Pheasant. Color, gold ground, each petal tipped with maroon.....	\$0.50	\$2.50	\$9.00
La France. A beautiful soft pink, each petal distinctly tipped with deep chocolate markings.....	.50	2.50	9.00
Mixed. All colors, including new colors from white to scarlet.....	.40	2.00	7.50

Testimonial

Brennan, S. Dak.

Dear Sirs:—

I wish to state that we never had such beautiful flowers as those we raised from your seeds. The Zinnias were like Dahlias, the Asters too were beautiful; also Marigolds. The Pansies were the largest we ever raised.

Yours truly,
E. M. K.

MICHELL'S DISTINCTIVE FLOWER SEEDS.



"Distinctive" Strains of Flower Seeds for the florist is one of the most important branches of our business; we constantly aim to secure for the florist only the most improved strains such as will give perfect satisfaction.

For full descriptions see our Retail Catalog, a copy of which will be mailed free upon application.

NOTE.—Half trade packets are only supplied where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33 1-3 per cent. from our retail catalog prices.

On Flower Seeds quoted in this Catalog there is no extra charge for Parcel Post, excepting for Registry or Insurance.

Fractions of ounces are supplied as follows:

Where price per oz. is	1/2 oz.	1/4 oz.	Where price per oz. is	1/2 oz.	1/4 oz.
\$0.10			\$0.65	\$0.35	\$0.20
.15			.75	.40	.25
.20	Smaller quanti- ties supplied in trade packets only.		1.00	.50	.30
.25			1.25	.65	.35
.30			1.50	.75	.40
.35			1.75	.90	.50
.40			2.00	1.00	.60
.50			2.25	1.15	.60
.60	.30	.20	2.50	1.25	.65

ABUTILON (Flowering Maple)

	Trade Pkt.	Oz.
Choicest Mixed.....	\$0.40	\$2.50

ACHILLEA

Perennial, flowering continuously all summer.

Ptarmica, fl. pl. "The Pearl." Double white.....	.50	3.50
--	-----	------

ACONITUM (Monk's Hood)

Napellus. Perennial; long spikes of blue flowers..	.25	1.50
--	-----	------

ACROCLINIUM (Everlasting)

Excellent for cutting fresh, or for winter bouquets.

Double Rose Pink.....	.20	.50
" White.....	.20	.50
" Mixed.....	.15	.40

AGROSTEMMA (Mullein Pink)

Coronaria. Hardy perennial; deep crimson flowers..	.15	.25
--	-----	-----

ALYSSUM

Lilac Queen. Dwarf and compact; flowers lilac..	.15	.50
---	-----	-----

Little Dorritt. Even more compact than Little Gem and desirable for a pot plant.....	.15	.60
--	-----	-----

Little Gem. Our strain of this popular sort is quite distinct, very dwarf, compact and absolutely true from seed..... (1/4 lb., \$1.50)	.15	.50
---	-----	-----

Michell's Bouquet (New). Forms a perfect bouquet of miniature white flowers; a perfect gem for edging. For illustration and full description see page 2.....	.40	2.00
--	-----	------

Sweet (Alyssum Benthami). The well-known fragrant white..... (1/4 lb., 75c.)	.15	.25
--	-----	-----

Saxatile Compactum. Perennial; golden yellow..	.20	.60
--	-----	-----

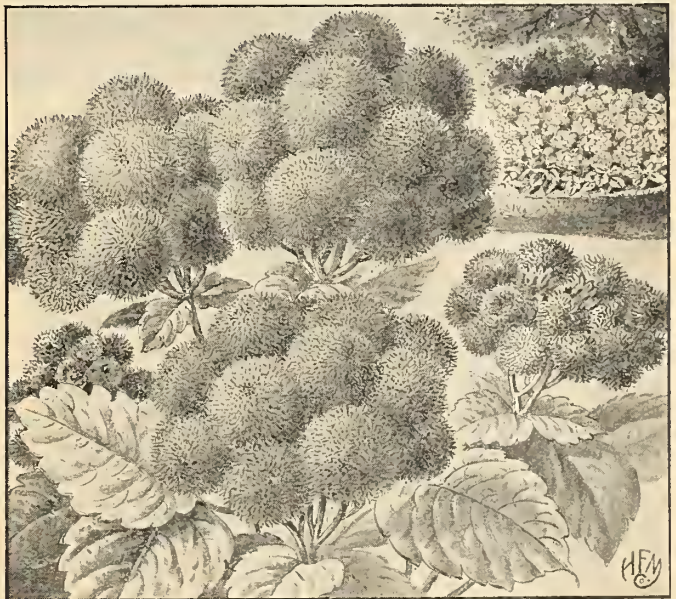
AMARANTHUS

Caudatus (Love-Lies-Bleeding). Blood red leaves...	.15	.25
--	-----	-----

Sunrise. Foliage tipped carmine.....	.25	1.25
--------------------------------------	-----	------

Tricolor Splendens (Joseph's Coat). Various colors	.15	.50
--	-----	-----

Mixed.....	.15	.25
------------	-----	-----



Ageratum, Blue Perfection

AGERATUM (Floss Flower)

	Trade Pkt.	Oz.	1/4 lb.
Blue Perfection. Best dark blue; height, 12 in..	\$0.15	\$0.60	\$2.25
Imperial Dwarf Blue. Height, 8 inches.....	.15	.40	1.40
Imperial Dwarf White. Height, 8 inches.....	.15	.40	1.40
Imperial Dwarf Mixed.....	.15	.35	1.20
Little Blue Star. Dainty little plant; very dwarf	.40	3.00	

AMPELOPSIS

Veitchi (Boston or Japanese Ivy).....	.15	.30	1.00
---------------------------------------	-----	-----	------

ANCHUSA

Italica, "Dropmore Variety." Perennial branching plant; 4 feet; light blue flowers..	.25	1.00	
--	-----	------	--

ANEMONE (Windflower)

Hardy perennial; excellent for cutting.

Coronaria. Mixed.....	.15	.60	
St. Brigid. Semi-double; various colors....	.30	1.50	

ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. Daisy-like, bright yellow flowers.....	.20	.60	
---	-----	-----	--

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Giant Antirrhinum (Snapdragon)

ANTIRRHINUM (Snapdragon)

Extensively used for cutting both summer and winter; also useful for bedding.

MICHELL'S GIANT ANTIRRHINUMS

Spikes, 2 to 3 feet in length, with giant flowers.

	Trade	pkt.	Oz.
Micell's Giant Salmon Pink. Long spikes of flowers of a delicate salmon pink.....	\$0.40		\$2.00
Canary Bird (New). Canary yellow.....	.40		2.50
Cattleya (New). Silver rosy lilac, golden yellow lip.....	.40		2.00
Keystone. Large spikes; color, rose pink.....	.75		
Golden Pink Queen (New)..... (6 pkts., \$5.00)	1.00		
Philadelphia Pink (New). Considered to be the finest pure pink; an exquisite shade; stout stems. See illustration, page 2. (6 pkts., \$5.00).....	1.00		
Silver Pink (Ramsburg)..... (6 pkts., \$5.00)	1.00		
Snowflake (New). Pure white.....	.40		2.50
Giant Garnet.....	.20		.75
“ Pink.....	.20		.75
“ Scarlet.....	.20		.75
“ Striped.....	.20		.75
“ Venus. Shell-pink on white ground.....	.30		1.00
“ White.....	.20		.75
“ Yellow.....	.20		.75
“ Mixed.....	.20		.60
Tall Mixed. Regular strain, 2 feet.....	.15		.40

ANTIRRHINUM (Semi-Dwarf)

These grow about 18 inches high and are largely used for bedding.

	Trade	pkt.	Oz.
Bride. Pure white.....	\$0.25		\$1.00
Daphne. Pink.....	.20		1.00
Defiance. Fiery scarlet.....	.20		1.00
Firebrand. Deep red.....	.20		1.00
Golden Queen. Yellow.....	.20		1.00
Mont Blanc. Pure white.....	.20		1.00
Nelrose. Rose pink.....	.40		1.50
Rose Queen. Rich rose.....	.20		1.00
Mixed.....	.20		.75
Tom Thumb Mixed. 12 inches.....	.20		1.00

AQUILEGIA (Columbine)

These early flowering perennials are a valuable cut flower and the demand for the same is constantly on the increase.

	Trade	pkt.	Oz.
Californica Hybrida. Mixed colors.....	\$0.30		\$1.75
Chrysantha. Yellow.....	.40		2.00
Coerulea. Blue and white.....	.30		1.50
Long Spurred Hybrids. Mixed colors.....	.30		2.00
Rose Queen. Deep rose.....	.40		3.50
Double Mixed.....	.15		.50
Single Mixed.....	.15		.40

ARABIS (Rock Cress)

Alpina. Spring flowering perennial; dwarf edging plant; flowers pure white.....	.15	.50
---	-----	-----



Arctotis Grandis

ARCTOTIS (African Daisy)

	Trade	pkt.	Oz.
Grandis. Daisy-like flowers on long stems; color pure white on upper surface, reverse side of petals lilac-blue; splendid for cutting.....	\$0.15		\$0.50

ARTEMISIA

Sacrorum Viridis (Summer Fir). Pyramidal bushes, 3 to 5 feet high; may be grown in groups or borders; foliage fine and of a rich dark green.....	.20	.60
--	-----	-----

ARUNDO. See Grasses, page 16.

ASPARAGUS. See page 12.

ASPERULA

Odorata (Sweet Woodruff). Suitable for hardy borders; dwarf, white.....	.25	1.00
---	-----	------

ASTERS. See next page

AURICULA (Primula Auricula)

Choice Mixed. Hardy perennial with flowers of many beautiful colors.....	.50	4.00
--	-----	------

AVENA. See Grasses, page 16.

TESTIMONIAL Lowell, Mass.

Dear Sirs:
Enclosed find spring order for flower seeds and plants. I have had about 8 years' success with your flower seeds and plants, so am sending you my 1922 order.

Yours truly, R. H. C.

MICHELL'S SUPERB ASTERS

9

We wish to emphasize the fact that our Asters are grown for us by specialists, and nearly all varieties under our own supervision. Michell's "Distinctive" Quality is nowhere more prominent than with our Asters, and we can recommend them with the utmost confidence to produce the very best results.



Astermum

ASTERMUM

A valuable variety of the Giant Comet type closely resembling the Crego but blooming earlier, plants grow about 2 feet high and are of branching habit. Flowers large and double.

	Trade pkt.	Oz.	1/4 lb.		Trade pkt.	Oz.	1/4 lb.
Lavender..	\$0.30	\$1.50	\$5.50	White.....	\$0.30	\$1.50	\$5.50
Rose Pink..	.30	1.50	5.50	Mixed.....	.30	1.50	5.50
Shell Pink..	.30	1.50	5.50				



Aster—Silvery Rose

CALIFORNIA GIANT ASTERS

For illustration see page 2.

A new variety with flowers of the Crego type, and with the habit of growth and long stems of the Beauty type. Flowers large and stand up well when shipped as cut flowers. Their immense size and beauty, as well as their long stems make them very attractive when arranged in floral work.

	Trade pkt.	Oz.		Trade pkt.	Oz.
Dark Purple.....	\$0.50	\$4.00	Light Blue.....	\$0.50	\$4.00
Deep Rose.....	.50	4.00	Peach Blossom..	.50	4.00

LADY ROOSEVELT ASTER

The flowers resemble huge incurved Chrysanthemums; the color is a gorgeous pink, of marvelous beauty. The robust plants produce stout stems, crowned with gigantic flowers. Trade pkt., 50c.; \$2.50 per oz.

LAVENDER GEM ASTER

A beautiful variety of the Comet type, with large, perfectly double flowers of a delicate shade of lavender; begins blooming in July, continuing through August. Trade pkt., 40c.; \$2.00 per oz.

PACIFIC BEAUTY ASTER

A new variety of the same type as Crego, producing a profusion of immense blooms of a rich lavender color. The petals are wide and long and gracefully curled. See illustration, page 3. Trade pkt., 50c.; \$3.00 per oz.



Pink Superb Aster

MICHELL'S PINK SUPERB ASTER

The flowers are of immense size, petals long and broad; those in the centre lie curled and incurved, completely covering the crown; color, shell pink. An excellent sort for cutting. Trade pkt., 50c.; \$2.50 per oz.

ASTER, VICK'S SILVERY ROSE

A robust, long stemmed, large flowering variety. Every petal is a combination of deep lilac rose, almost cerise, very delicately threaded with white. The threads are so tiny as to give the petals a silvery sheen. The unusual, distinctive color makes it appropriate for wreaths, designs and decorative work. Trade pkt., 50c.; \$2.50 per oz.

MICHELL'S SUPERB ASTERS



AMERICAN BEAUTY ASTERS

Similar in type of flower and growth to the Late Branching Aster; plants about 2 to 3 feet high. Commences to bloom in September, continuing until frost; the flowers are produced on long heavy stems, and are large and double.

Trade Pkt. Oz.

Azure Fairy. Light blue.....	\$0.50	\$4.00
Carmine Rose.....	.50	2.00
Crimson. Dark shade.....	.50	4.00
Lavender. Grayish lavender.....	.50	2.00
Shell Pink. Delicate flesh color.....	.50	2.00
White.....	.50	4.00

EARLY WONDER ASTERS

The earliest variety in cultivation, coming into bloom several days before "Queen of the Market." Flowers are large, very double, similar to "Comet" type and are carried erect on long stems.

Trade Pkt. Oz.

Dark Blue.....	\$0.40	\$2.00
Pink.....	.40	2.00
White.....	.40	2.00

DAYBREAK ASTERS

This class forms strong plants of symmetrical growth and robust habit; flowers large, very double, recurved and closely imbricated; fine for bedding, also for cutting.

Trade pkt. Oz.

Michell's Purity (White Daybreak). Color, pure glistening white.....	\$0.40	\$2.50
Pink Daybreak. Delicate pink.....	.40	2.50

ASTER, HEART OF FRANCE

A new variety producing flowers of large size and full to the centre; opens ruby red, deepening with age. The plants are of branching type and very robust. Trade pkt., 40c.; \$2.50 per oz.



CREGO ASTERS

One of the finest varieties of Asters, and has rapidly come into popular favor. Flowers are gigantic in size, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge Chrysanthemum.

	Oz.	1/4lb.
Azure Blue....	\$1.50	\$5.50
Lavender.....	1.50	5.50
Purple.....	1.50	5.50
Rose Pink.....	1.50	5.50
Shell Pink.....	1.50	5.50
White.....	1.50	5.50
Mixed.....	1.25	4.50

Any of above Crego Asters, 30c. per trade pkt.

GIANT COMET ASTERS

Long narrow petals which curve at the ends give this flower the appearance of a Japanese Chrysanthemum. Plants branch freely and produce their flowers on long stems; a good bedding variety.

Trade Pkt. Oz.

Carmine Rose...\$0.30	\$1.50	Light Blue.....\$0.30	\$1.50
Crimson......30	1.50	White......30	1.50
Dark Blue......30	1.50	Choice Mixed...30	1.25

INVINCIBLE ASTERS

A splendid Aster to fill in between the early sorts and the late ones. It is, so to say, a mid-summer Aster. Flowers are large, perfectly double and produced on long stems; plants are of branching habit.

Trade Pkt. Oz.

Blue.....\$0.30	\$1.50	Rose Pink.....\$0.30	\$1.50
Crimson......30	1.50	White......30	1.50
Lavender......30	1.50	Mixed......30	1.25



KING ASTERS

Habit of growth similar to the Branching Aster; in form the flower is distinct; petals resemble the quilled varieties, but are larger and broader, those in the centre being curled and incurved. The flowers are very attractive and have splendid keeping qualities when cut.

Trade Pkt. Oz.

Crimson King. Rich deep crimson.....	\$0.40	\$1.50
Lavender King. Pale lavender.....	.40	1.50
Pink King. Delicate shell pink.....	.40	1.50
Purple King......	.40	1.50
Rose King. Deep rose color.....	.40	1.50
Violet King. A pleasing shade of soft violet..	.40	1.50
White King. Flowers large; pure white.....	.40	1.50
Mixed King.....	.40	1.50



MICHELL'S IMPROVED SAMPLE'S BRANCHING ASTER

The finest late blooming Aster. The large double flowers are borne on long, strong stems which together with the attractive form of flowers make it one of the most valuable varieties for cutting. Our Improved Strain has been secured after many years of careful selection.

Oz.	1/4 lb.	Oz.	1/4 lb.
Crimson	\$1.50	\$5.50	
Lavender	1.50	5.50	
Purple	1.50	5.50	
Rose Pink	1.50	5.50	
Shell Pink		\$1.50	\$5.50
White		1.50	5.50
Mixed		1.25	4.50

Any of above, 30c. per trade pkt.

ROYAL BRANCHING ASTERS

One of the best Asters of recent introduction; of branching habit, and producing large flowers; has all the good qualities of the Late Branching type, and coming into bloom nearly as early as the "Queen of the Market."

Oz.	1/4 lb.
Lavender ..	\$1.75 \$6.00
Purple	1.75 6.00
Rose Pink ..	1.75 6.00
Shell Pink ..	1.75 6.00
White	1.75 6.00
Mixed	1.50 5.50

Any of the above separate colors, 40c. per trade pkt.; mixed colors, 30c. per trade pkt.

SEMPL'S
BRANCHING



QUEEN OF THE MARKET ASTERS

(Extra Early)

The standard-bearer of the early flowering sorts; of strong growth, and bearing large flowers on strong stems. Our strain has been re-selected for its earliness and will prove of exceptional quality. Begins blooming in July.

Trade Pkt. Oz. 1/4 lb.

Blush Pink ..	\$0.25	\$1.00	\$3.50
Crimson.....	.25	1.00	3.50
Dark Blue...	.25	1.00	3.50
Light Blue...	.25	1.00	3.50
Rose Pink...	.25	1.00	3.50
White.....	.25	1.00	3.50
Mixed.....	.20	.75	2.75

ASTER PEERLESS YELLOW

Plants are of branching habit and very vigorous; the flowers are large, full and ball shaped, with centers deeply covered with curled and twisted florets. Color, a delicate hue of pure sulphur

yellow. Trade pkt., 50c.; \$3.00 per oz.

CHINA ASTERS

Trade Pkt. Oz.

Choice Mixed. A general mixture containing many classes and colors.....\$0.15 \$0.50

PERENNIAL ASTER (Michaelmas Daisy)

Choice Mixed. One of the showiest of our late flowering, perennial plants; star-like single flowers..... .25 1.50

Testimonial

New Haven, Conn.

June 29, 1921.

A short time ago I purchased some Aster seed of you, so now I am writing to tell you that they are the finest plants I have ever seen. The seed was planted on a Saturday and came up the following Monday, only two days; can you beat that? That's what I call high grade seed.

E. S. B.



MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Asparagus Plumosus Nanus

ASPARAGUS PLUMOSUS NANUS

We are Headquarters for the true Greenhouse Grown Strain.

Our seeds are absolutely fresh and of high germination; our greatly increased sales each season prove beyond a doubt the superiority of our stock.

Greenhouse Grown Seed

100 seeds.....	\$0.50	5,000 seeds.....	\$18.00
1,000 seeds.....	4.00	10,000 seeds.....	35.00

Lathhouse Grown Seed

100 seeds.....	\$0.30	5,000.....	\$11.00
1,000 seeds.....	2.50	10,000 seeds.....	21.00

ASPARAGUS SPRENGERI

100 seeds.....	\$0.20	5,000 seeds.....	\$5.75
1,000 seeds.....	1.25	10,000 seeds.....	10.00

Larger quantities of Asparagus seed quoted on application.

BALLOON VINE

Cardiospermum. Per oz., 15c.; 50c. per ¼ lb.

BALSAM (Lady Slipper)

A very desirable annual; the White Perfection and Prince Bismarck varieties are excellent for design work.

	Trade Pkt.	Oz.	¼ lb.
Camellia Flowered Pink.....	\$0.20	\$0.75	\$2.75
" " Prince Bismarck. Rich salmon pink.....	.20	.75	2.75
" " Scarlet.....	.20	.75	2.75
" " White Perfection.....	.25	1.00	3.50
" " Choice Mixed.....	.20	.50	1.75
Fine Mixed.....	.15	.35	1.25

BALSAM APPLE

<i>Momordica Balsamina</i>15	.30
----------------------------------	-----	-----

BAPTISIA (False Indigo)

<i>Australis</i> . Tall showy plants with deep blue flowers; perennial.....	.20	1.25
---	-----	------

BARTONIA

<i>Aurea</i> . Dwarf edging plant; yellow flowers...	.15	.35
--	-----	-----

BEANS (Flowering and Running)

Scarlet Runner. Per lb., 30c.; 55c. for 2 lbs.



Begonia, Gracilis Luminosa

BEGONIAS

As a bedding plant there is nothing more satisfactory; also excellent for pot plants. Seeds sown in January makes splendid flowering plants in May.

<i>Semperflorens Erfordia</i> . Pink.....	($\frac{1}{32}$ oz., \$1.25)	\$0.50
" Salmon Queen. Salmony red	($\frac{1}{32}$ oz., \$1.50)	.50
" Vernon. Deep red.....		.50 \$5.00
" Choice Mixed.....		.50 4.00

BEGONIA GRACILIS

This type produces very compact little plants that are literally covered with flowers; an easy seller.

<i>Gracilis Alba</i> . Pure white.....	($\frac{1}{32}$ oz., \$1.00)	\$0.30
" Luminosa. Fiery dark scarlet...	($\frac{1}{32}$ oz., \$1.75)	.40
" Prima Donna. Rose, shading to carmine.....	($\frac{1}{32}$ oz., \$2.00)	.50
" Rosea. Pink.....	($\frac{1}{32}$ oz., \$1.00)	.30

BEGONIAS, TUBEROUS ROOTED

These are easily raised from seed, produce enormous flowers and are excellent for bedding, window boxes or pot culture.

Single Mixed.....	($\frac{1}{32}$ oz., \$3.00)	\$0.50
Double Mixed. Pkt., 35c.		

BELLIS PERENNIS (See Daisy)

BOCCONIA (Plume Poppy)

<i>Cordata</i> . Hardy perennial; creamy white flowers...	Trade Pkt. Oz.	\$0.15 \$0.50
---	----------------	---------------

BRACHYCOME (Swan River Daisy)

<i>Iberidifolia</i> . A profuse flowering annual with small blue flowers.....	.20	.75
---	-----	-----

BRIZA. See Grasses, page 16.

BROMUS. See Grasses, page 16.

BROWALLIA

<i>Elata Coerulea</i> . Blue.....	.20	1.00
<i>Speciosa Major</i> . Most desirable variety as a pot plant; large, rich blue flowers.....		.50

CALCEOLARIA

A most decorative pot plant, which finds ready sale if well grown. The strains we offer cannot be excelled.

	Trade Pkt.	Trade Pkt.
<i>Hybrida Grandiflora</i> . Choice mixed ($\frac{1}{32}$ oz., \$4.00)	\$0.60	\$1.00
<i>Hybrida Grandiflora Compacta</i> . Dwarf, mixed ($\frac{1}{32}$ oz., \$4.00)	.60	1.00
<i>Rugosa</i> . Mixed colors.....	.60	1.00



Calendula, Michell's Special Forcing

CALENDULA (Pot Marigold)

Raised extensively as a pot plant, or for bedding; also excellent for cutting. Trade Pkt. Oz. ¼ lb.

Michell's Special Forcing. We have an extra fine strain of this forcing variety; large flowers of a rich, orange yellow color. \$0.50 \$2.00 \$7.00

Lemon King. Lemon yellow.....	.15	.25	.60
Meteor. Orange striped.....	.15	.25	.60
Orange King. Rich dark orange.....	.15	.25	.60
Prince of Orange. Dark orange striped...	.15	.25	.60
Pure Gold. Golden yellow.....	.15	.25	.60
Sulphurea. Sulphur yellow.....	.15	.25	.60
Mixed.....	.15	.25	.60

CALIFORNIA POPPY. See *Eschscholtzia*.

CALLIOPSIS (Coreopsis)

ANNUAL VARIETIES

	Trade Pkt.	Oz.
Golden Wave (<i>Drummondii</i>). Golden yellow flowers.....	\$0.15	\$0.25
Nigra Speciosa. Rich crimson maroon.....	.15	.25
Choice Mixed.....	.15	.25

PERENNIAL VARIETIES

Splendid for cutting during the whole summer.		
California Sunbeams. Large flowers; yellow and brown.....	.15	.50
Lanceolata Grandiflora. Large golden yellow....	.15	.30

CANARY BIRD VINE

<i>Tropaeolum Canariense</i> . Flowers yellow.....	.15	.30
--	-----	-----

CARDINAL CLIMBER

<i>Ipomoea Quamoclit Hybrida</i> . A rapid growing annual climber, bearing a profusion of fiery, cardinal red flowers. In order to have good germination, a small notch should be filed or cut in each seed....	.50	2.00
---	-----	------

CARNATION

The Chabaud and Marguerite varieties bloom early in summer and continue until frost. Trade Pkt. Oz.

Chabaud's Everblooming. Choice mixed.....	\$0.40	\$1.50
Choice Mixed. Double border.....	.40	1.50
Early Vienna Mixed.....	.30	1.50
Marguerite Excelsior, Mixed. Extra large flowers.....	.30	1.50
" Pink.....	.30	1.75
" White.....	.30	1.75
" Scarlet.....	.30	1.75
" Yellow.....	.30	1.75
" Choice Mixed.....	.20	1.00

CAMPANULA (Bell Flower)

The taller sorts are splendid for cut flowers and most decorative; the dwarf sorts make excellent border plants.

	Trade Pkt.	Oz.
Carpatica Blue. Dwarf, 6 inches.....	\$0.20	\$1.00
" White. Dwarf, 6 inches.....	.20	1.00
Media Calycanthema (<i>Cup and Saucer</i>). Blue....	.30	2.25
" " Pink.....	.30	2.25
" " White.....	.30	2.25
" " Mixed.....	.25	1.75
" Single, Blue.....	.15	.40
" " Pink.....	.15	.40
" " White.....	.15	.40
" " Mixed.....	.15	.35
" Double, Blue.....	.30	1.50
" " Pink.....	.30	1.50
" " White.....	.30	1.50
" " Mixed.....	.25	1.00
Persicifolia Grandiflora Blue. Grows 3 to 4 feet high and produces large bell-shaped flowers along the whole stem.....	.50	3.50
Persicifolia Grandiflora White.....	.50	3.50
Pyramidalis (<i>Chimney Bell Flower</i>). 6 feet. Blue and white mixed.....	.25	1.00



Candytuft, Michell's Giant White

CANDYTUFT (Iberis)

Splendid edging plants, and also valuable for cutting.

	Trade Pkt.	Oz.	¼ lb.
Carmine.....	\$0.15	\$0.25	\$0.75
Crimson.....	.15	.25	.75
Empress. Large white..... (Lb., \$2.75)	.15	.25	.75
Lavender.....	.15	.25	.75
Little Prince. Very dwarf; white.....	.15	.30	1.00
Michell's Giant White. Immense spikes of white flowers..... (Lb., \$5.50)	.15	.50	1.50
Pink.....	.15	.30	1.00
Purple.....	.15	.25	.75
Mixed. All colors..... (Lb., \$1.75)	.15	.50	
Sempervirens. Perennial; fine for edging borders; white.....	.40	2.50	

CANNA (Indian Shot)

Seedlings will bloom in June if sown early.

Crozy's Dwarf Mixed. From the finest sorts.....	\$0.20	\$0.60
---	--------	--------

CASTOR OIL BEANS. See *Ricinus*.

Testimonial

Harrisburg, Pa., May 11th, 1922.

Enclosed find check for which please send me the accompanying order, and oblige a satisfied customer of many years.
Mrs. A. G. K.

**CELOSIA****CRISTATA OR COCKSCOMB VARIETIES**

These are in demand for beds and borders, also for pots.

	Trade Pkt.	Oz.
Giant Empress. Bright crimson; dark foliage	\$0.25	\$1.75
Glasgow Prize. Dark crimson	.25	2.00
Choice Mixed. Dwarf sorts	.20	1.00

PLUMOSA OR FEATHERED VARIETIES

A splendid decorative plant for the garden; excellent for cutting.

	Trade Pkt.	Oz.
Childsii (<i>Chinese Woolflower</i>). Large, ball-shaped scarlet flowers resembling silky wool	\$0.40	\$1.50
Childsii, Pink. Flowers delicate pink	.50	2.25
Chrysantheflora (<i>New</i>). Plants half dwarf, with immense heads of flowers in a great variety of colors, including salmon, pink and bronze. For full description and illustration, see page 4	1.00	
Golden Plume. Deep golden yellow	.15	.60
Pride of Castle Gould. Color, blood red, carmine, yellow, orange, scarlet, etc., in mixture	.50	5.00
Scarlet	.15	.60
Spicata. Bright rose, turning to silvery white	.15	.50
Thompsoni Magnifica. Various colors	.20	.75
Thompson's Superb. Crimson	.15	.60
Choice Mixed	.15	.40

CERASTIUM (Snow in Summer)

Tomentosum. Dwarf, white leaved edging plant; flowers white; perennial	.30	1.50
--	-----	------

CHRYSANTHEMUM**ANNUAL VARIETIES**

	Trade Pkt.	Oz.
Helios (<i>Evening Star</i>). Large golden yellow	\$0.15	\$0.30
Double Mixed	.15	.25
Single Mixed	.15	.25

PERENNIAL VARIETIES

Early Flowering Double and Semi Double Mixed (<i>New</i>). This can also be treated as an annual, blooming the first year from seed. ($\frac{1}{2}$ oz., \$1.00)	.60	
Japanese Hybrids. Autumn flowering; mixed ($\frac{1}{8}$ oz., \$1.25)	.50	
King Edward VII. Extra large; pure white	.20	.60
Shasta Daisy "Alaska." Pure white	.40	2.00

**CENTAUREA****CENTAUREA CYANUS (Cornflower)**

Very popular annuals, flowering freely.

	Trade Pkt.	Oz.
Double Blue. Splendid for forcing. ($\frac{1}{4}$ lb., \$1.50)	\$0.15	\$0.50
Rose. ($\frac{1}{4}$ lb., \$1.50)	.15	.50
Emperor William. Deep blue. ($\frac{1}{4}$ lb., 75c.)	.15	.25
Pink	.15	.25
White	.15	.25
Choice Mixed. ($\frac{1}{4}$ lb., 75c.)	.15	.25
Double Mixed	.15	.30

CENTAUREA IMPERIALIS**Giant Cornflower, or Sweet Sultan.**

Large sweet scented flowers; fine for cutting.

	Trade Pkt.	Oz.	$\frac{1}{4}$ lb.
Deep Rose	\$0.20	\$0.75	\$2.75
Lavender	.20	.75	2.75
Lilac	.20	.75	2.75
Brilliant Pink	.20	.75	2.75
Purple	.20	.75	2.75
White	.20	.75	2.75
Choice Mixed	.15	.50	1.75

NEW GIANT FLOWERED CENTAUREAS

Magnificent flowers of brilliant colors; excellent for cutting.

	Trade Pkt.	Oz.
Bride. Pure white	\$0.30	\$1.50
Bridegroom. Purplish mauve	.30	1.50
Honeymoon. Golden yellow	.30	1.50

WHITE LEAVED CENTAUREAS (Dusty Miller)

Excellent for borders, vases, baskets, etc.

Candidissima. Broad cut silvery gray foliage. (1000 seeds, 40c.)	\$2.00
Gymnocarpa. Fine cut silvery foliage. (1000 seeds, 15c.)	.50

VARIOUS CENTAUREAS

Suaevolens. Large yellow	.15	.50
Montana. Perennial; blue	.25	1.00



Cineraria, Michell's Grandiflora Prize



Cineraria, Stellata Hybrida

MICHELL'S "DISTINCTIVE" CINERARIAS

Our Grandiflora Prize Strain cannot be surpassed; immense trusses of large flowers, often measuring 4 inches across. The Stellata varieties make exceedingly decorative pot plants.

	Trade Pkt.	Trade Pkt.
Grandiflora Prize Dwarf. Mixed colors ($\frac{1}{2}$ oz., \$3.50).....	\$0.60	\$1.00
Grandiflora Prize Medium Tall. Mixed colors ($\frac{1}{2}$ oz., \$3.50).....	.60	1.00
Matador. Large flowering scarlet.....	.60	1.00
Stellata Hybrida. Mixed colors ($\frac{1}{2}$ oz., \$1.75).....	.60	1.00

CINERARIA (Dusty Miller)

	Trade Pkt.	Oz.
Maritima Candidissima. White leaved; much in demand for bedding, vases, baskets, etc.....	\$0.15	\$0.25

CLARKIA

A popular annual, much used for cutting.

Elegans, Queen Mary. Double rose carmine.....	.15	.50
" Salmon Queen. Double salmon.....	.15	.50
" Scarlet Queen. Double orange scarlet.....	.15	.50
" White. Double.....	.15	.50
" Double Mixed.....	.15	.40
" Single Mixed.....	.15	.30

CLEMATIS

Flammula. Feathery white flowers.....	.15	.30
Paniculata. White star-shaped flowers ($\frac{1}{4}$ lb., \$1.75).....	.15	.50

CLEOME (Giant Spider Plant)

Pungens. Rose-colored flowers.....	.15	.25
------------------------------------	-----	-----

COBEA SCANDENS (Cups and Saucers Vine)

There is always a good demand for this popular climber. Seeds should be placed edgewise to insure good germination.

	Trade Pkt.	Oz.
Purple..... ($\frac{1}{4}$ lb., \$1.25).....	\$0.15	\$0.40
White.....	.20	.75

COIX LACHRYMAE. See Grasses, page 16.

COLEUS

Large Leaved. Choicest mixed.....	.50	5.00
-----------------------------------	-----	------

COLUMBINE. See Aquilegia.

CONVOLVULUS (Morning Glory)**Major or Tall Varieties**

	Trade Pkt.	Oz.	$\frac{1}{4}$ lb.
Double Snow Fairy. Pure white.....	\$0.15	\$0.50	
Double Flowering. Mixed colors.....	.15	.75	\$2.50
Japanese Imperial. Mixed.....	.15	.25	.50
Japanese Imperial Fringed. Mixed.....	.15	.25	.75
Mixed. Ordinary variety..... (Lb., 75c.)	.10	.25	

Minor or Dwarf Varieties

Tricolor. Blue.....	.15	.50
Mixed.....	.10	.25

COREOPSIS. See Calliopsis.

CORNFLOWER. See Centaurea



Coboea Scandens

MICHELL'S GIANT SHOW CYCLAMEN SEED



OUR Cyclamen Seed is grown for us by a Specialist, seed being selected only from plants of superior bloom and foliage. The flowers are unsurpassed for size, colors and substance. The color plate shown here is reproduced from an actual photograph taken in one of the greenhouses of the grower who supplies us with seed.

PRICES

	100 Seeds	1000 Seeds	2500 Seeds	5000 Seeds	10,000 Seeds
Bright Red	\$1.50	\$12.50	\$30.00	\$57.50	\$110.00
Dark Blood Red	1.50	12.50	30.00	57.50	110.00
Glory of Wandsbek (<i>Salmon Red</i>) . .	1.75	15.00	36.25	70.00	135.00
Perle of Zehlendorf (<i>Salmon Pink</i>) . .	1.75	15.00	36.25	70.00	135.00
Pure White	1.50	12.50	30.00	57.50	110.00
Rose of Marienthal (<i>Bright Pink</i>) . .	1.50	12.50	30.00	57.50	110.00
White with Carmine Eye	1.50	12.50	30.00	57.50	110.00
Mixed Colors	1.35	12.00	28.75	55.00	105.00

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Michell's Giant Flowering Cosmos

COSMOS**Early Flowering**

This strain will begin blooming as early as July and continue until frost. The new double flowering strains are becoming very popular with the florists for cutting.

	Trade Pkt.	Oz.
Large Early Flowering, Crimson	\$0.15	\$0.50
" " " Pink.....	.15	.50
" " " White.....	.15	.50
" " " Mixed.....	.15	.40
Double Early Flowering, Crimson.....	.60	4.00
" " " Pink.....	.60	4.00
" " " White.....	.60	4.00
" " " Mixed.....	.50	3.50

Late Flowering

Crimson Ray. Narrow fluted crimson petals, in star-like form.....	.15	.40
Double Crested, Pink Beauty.....	.40	1.75
" " White Queen.....	.40	1.75
" " Mixed.....	.40	1.75
Eureka Pink (1/8 oz., \$1.25)	.50	
Snowball. White..... (1/8 oz., \$1.25)	.50	
Giant Flowering, Crimson.....	.15	.30
" " Pink.....	.15	.30
" " White.....	.15	.30
" " Mixed.....	.15	.25
" " Fancy Varieties. Mixed.....	.20	.60
Klondyke. Yellow.....	.20	1.00
Lady Lenox. Immense flowers; color, shell pink....	.15	.30
White Lady. A new pure white variety of large size..	.15	.30

COWSLIP. See Primula Veris.**CUPHEA (Cigar Plant)**

Platycentra. Scarlet.....	.40
----------------------------------	-----

CYPERUS (Umbrella Plant)

Alternifolius30	1.50
----------------------------	-----	------

CYPRESS VINE (Ipomoea Quamoclit)

Scarlet......	.15	.30
White......	.15	.30
Mixed.....	.15	.25

CYCLAMEN—Michell's Giant Show

Our Cyclamen seed is grown for us by specialists, and cannot be excelled. Numerous first prizes have been awarded for the large size and beautiful coloring of the flowers. Seed is saved only from perfect plants. **See color plate.**

	100 Seeds	1000 Seeds	2500 Seeds	5000 Seeds	10,000 Seeds
Bright Red	\$1.50	\$12.50	\$30.00	\$57.50	\$110.00
Dark Blood Red	1.50	12.50	30.00	57.50	110.00
Glory of Wandsbek. Sal- mon red.....	1.75	15.00	36.25	70.00	135.00
Perle of Zehlendorf. Sal- mon pink.....	1.75	15.00	36.25	70.00	135.00
Pure White	1.50	12.50	30.00	57.50	110.00
Rose of Marienthal. Bright pink.....	1.50	12.50	30.00	57.50	110.00
White with Carmine Eye	1.50	12.50	30.00	57.50	110.00
Mixed. All colors.....	1.35	12.00	28.75	55.00	105.00

DAHLIA

Both the Double and Single Dahlias can be easily grown from seed, and will produce blooming plants the first summer if the seed is sown before June.

	Trade Pkt.	Oz.
Double Cactus. All colors mixed.....	\$0.40	\$2.50
Double Large Flowering. Show type; mixed.....	.30	2.00
Single Collarette. Flowers of various colors, with a collar of small petals around the centre.....	.25	1.25
Single Giant Perfection. Mixed.....	.20	1.00

DAISY ENGLISH DOUBLE (Bellis Perennis)

The Monstrosa varieties surpass all other strains in their extra large double flowers.

	Trade Pkt.	Oz.
Longfellow. Large pink.....	\$0.40	\$2.00
Monstrosa Pink.....	.50	3.00
Monstrosa White.....	.50	3.00
Monstrosa Mixed.....	.50	2.75
Snowball. Large white.....	.40	2.00
Double Mixed.....	.30	1.50

DATURA (Trumpet Flower)

Cornucopia. White, marbled purple.....	.15	.50
Double Mixed.....	.15	.30

DELPHINIUM

(Perennial Larkspur)

	Trade Pkt.	Oz.
Belladonna. Light turquoise blue (1/4 lb., \$9.00)...	\$0.50	\$2.50
Bellamosum. A dark blue type of the Belladonna....	.50	2.50
Chinense Grandiflorum. Dwarf; blue.....	.20	.60
Chinense Grandiflorum Album. Dwarf; white..	.20	.60
Elatum (Bee Larkspur). Blue	.25	1.00
Formosum. Deep blue....	.25	1.50
Formosum Coelestinum. Sky blue.....	.40	2.00
Kelway's Giant. Enormous spikes with flowers of many shades of blue.....	.40	2.00
Michell's Gold Medal Hybrids. A fine strain of mixed hybrids (1/4 lb., \$5.50)	.40	1.50
Rev. E. Lascelles. Large, double deep blue flowers..	.50	7.50
Zalil. Yellow.....	.40	
Hybrid Mixed. All shades..	.15	.50

For ANNUAL LARKSPUR see page 18.

DIANTHUS (Pinks)

Double Annual Sorts	Trade Pkt.	Oz.
China or India. Mixed (1/4 lb., \$1.40).....	\$0.15	\$0.40
Fireball. Fiery scarlet....	.20	1.00
Fringed. Large; mixed colors	.20	.60
Japan Pink. Choice mixed..	.15	.50
White. Fringed flowers....	.20	1.00

DIANTHUS—Single Annual Sorts

Japan Pink. Mixed colors..	.15	.50
Nobilis (Japan Royal). Mixed	.20	.75
Salmon Queen.....	.20	.75
Vesuvius. Bright red.....	.20	.75

DIANTHUS—Hardy Garden Sorts

Clove Scented. Mixed....	.30	2.00
Double Scotch. Mixed....	.30	1.75
Erfurt. Dwarf double; mixed	.40	2.00
Latifolius Atrococcineus fl. pl. Double scarlet....	.25	1.00
Pheasant's Eye. Single fringed flowers; mixed.....	.15	.50

DICTAMNUS (Gas Plant)

	Trade Pkt.	Oz.
Fraxinella. Perennial; purple red flowers.....	\$0.15	\$0.50

DIDISCUS

Coeruleus (Blue Lace Flower). An annual, blooming from July until frost; excellent for cutting; color pale lavender.....	.40	2.00
--	-----	------

DIGITALIS (Foxglove)

Gloxiniaeflora, Pink.....	.20	.60
" Purple.....	.20	.60
" White.....	.20	.60
" Mixed.....	.15	.50
Grandiflora. Light yellow.....	.15	.60
Monstrosa (Mammoth Foxglove). Mixed.....	.20	.75

DIMORPHOTHECA

Aurantiaca (African Orange Daisy). Golden orange, daisy-like flowers; splendid for cutting and well adapted for forcing.....	.20	.60
Aurantiaca Hybrida. A splendid mixture of colors.	.20	.75

DOLICHOS (Hyacinth Bean)

Darkness. Purple violet.....	.15	
Daylight. Pure white.....	.15	
Choice Mixed..... (1/4 lb., 30c.)	.10	

DRACENA

Useful as centre plants for vases, baskets, etc. The seed is sent out in the hull or berry and should be rubbed out before sowing.

	Trade Pkt.	Oz.
Australis. Broad leaves..... (1/4 lb., \$1.75)	\$0.15	\$0.50
Indivisa. Narrow green leaves; the popular sort for bedding or vases..... (1/4 lb., \$1.00)	.15	.30

ECHINOCYSTIS (Wild Cucumber Vine)

Lobata.....	.15	.25
-------------	-----	-----



Delphinium, Belladonna

EULALIA. See Grasses, page 16.

EUPATORIUM

A fine perennial, and useful for cutting.

	Trade Pkt.	Oz.
Fraseri. White flowers....	\$0.15	\$0.50

EUPHORBIA

Heterophylla (Mexican Fire Plant). Ornamental foliage plant; red flower bracts....

	.20	1.00
Variegata. (Snow on the Mountain). Variegated foliage and white flower bracts	.15	.40

FERNS

We can supply fresh spores of the following excellent varieties of Ferns:

Adiantum Cuneatum.

Adiantum Mixed.

Aspidium Tussimense.

Cyrtomium Falcatum.

Lomaria Gibba.

Lygodium Scandens.

Pteris Adiantoides.

" Alba Lineata.

" Magnifica.

" Mayii.

" Serrulata Cristata.

" Tremula.

" Victoria.

" Wimsettii.

" Wilsoni.

" Mixed Varieties.

Mixed. Many choice varieties.

Any of the above varieties, 75c. per trade packet.

FEVERFEW (Matricaria)

Trade Pkt. Oz.

Double White. Fine for cut flowers.....	\$0.15	\$0.40
---	--------	--------

FORGET-ME-NOT. See Myosotis.

FOUR O'CLOCK. See Marvel of Peru.

ESCHSCHOLTZIA (California Poppy)

Trade Pkt. Oz.

Californica. Yellow.....	\$0.15	\$0.25
Carmine King. Carmine rose.....	.15	.40
Golden West. Large golden yellow.....	.15	.25
Mandarin. Orange and scarlet.....	.15	.30
Mauve Beauty. Lavender mauve.....	.40	2.00
Rose Cardinal. Carmine rose.....	.15	.25
Vesuvius. Wallflower or coppery red.....	.15	.50
White.....	.15	.25
Choice Mixed.....	.15	.25



Dimorphotheca, Aurantiaca

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Gaillardia, Grandiflora Superba

GAILLARDIA

Annual Varieties

Useful for cutting, or for the mixed border.

	Trade Pkt.	Oz.	1/4 lb.
Picta. Single mixed.....	\$0.15	\$0.35	\$1.25
Picta Lorenziana. Double mixed.....	.15	.40	1.40

GAILLARDIA—Perennial Varieties

These will flower the first year from seed if sown early. Gigantic attractive flowers appear during the whole season; fine for cutting or borders.

	Trade Pkt.	Oz.	1/4 lb.
Grandiflora Compacta. Mixed.....	\$0.15	\$0.60	\$2.25
“ Sanguinea. Blood red.....	.20	.75	2.75
“ Semi Double. Mixed.....	.20	.75	2.75
“ Superba. Mixed.....	.15	1.00	3.50

GENTIANA (Blue Gentian)

Acaulis. A dwarf hardy perennial; deep blue flowers..... .25

GERANIUM

	Trade Pkt.	Oz.
Apple Scented. Per 100 seeds, 25c.; \$2.00 per 1,000 seeds.		
Pelargonium (Lady Washington). Per 100 seeds, \$1.75.		
Zonale. Single mixed.....	\$0.40	\$2.50

GERBERA (Transvaal Daisy)

Splendid greenhouse perennials, with large daisy-like flowers; fine for pot plants or for cutting.

Jamesoni Gigantea. Immense scarlet flowers. Per 100 seeds, 75c.
Jamesoni Hybrida. These hybrids include a wonderful range of brilliant colors and shades. Per 100 seeds, 60c.

GEUM

	Trade Pkt.	Oz.
Atrosanguineum Fl. Pl. Large, showy double dark crimson flowers; perennial.....	\$0.20	\$0.75
Mrs. Bradshaw. Large, double, brilliant scarlet flowers; blooms the entire summer; perennial....	.40	2.50

GLOXINIA

Carefully saved seeds from perfect flowers and shapely plants.

	Trade Pkt.	Oz.
Hybrida Grandiflora. Choicest Mixed. (1/2 trade pkt., 60c.).....		\$1.00

GODETIA (Satin Flower)

Beautiful and easily grown annuals.

Duchess of Albany. White.....	.15	\$0.50
Gloriosa. Blood red.....	.15	.50
Rosamond. Shell pink.....	.15	.50
Choice Mixed.....	.15	.30

GOMPHRENA (Globe Amaranth)

Also called "Bachelor's Buttons;" a useful Everlasting for bedding; also for cutting.

	Trade Pkt.	Oz.
Nana Compacta. Dwarf red.....	\$0.15	\$0.50
Mixed. All colors.....	.15	.30

GOURD (Ornamental)

Calabash, or Dipper. Very useful.....	.15	.25
Egg-Shaped. White.....	.15	.25
Hercules Club. Club-shaped; 4 feet long.....	.15	.25
Luffa (Dish Rag or Bonnet Gourd).....	.15	.25
Orange-Shaped (Mock Orange).....	.15	.25
Pear-Shaped. Striped; very showy.....	.15	.25
Sugar Trough. Used as water holders.....	.15	.25
Mixed. In a great variety.....	.15	.25

GRASSES (Ornamental)

Useful, either for growing in clumps, mixed borders or in shrubberies.

Annual Varieties

	Trade Pkt.	Oz.
Avena Sterilis (Animated Oats)	\$0.15	\$0.25
Briza Maxima (Quaking Grass).....	.15	.25
Bromus Brizaeformis.....	.15	.25
Coix Lachrymae (Job's Tears) (1/4 lb., 30c.).....		.10
Hordeum Jubatum (Squirrel Tail Grass).....	.15	.40
Pennisetum Longistylum.....	.15	.50
Pennisetum Ruppelianum (Purple Fountain Grass).....	.15	.50

Perennial Varieties

Arundo Donax (Great Reed).....	.15	.40
Eulalia Japonica.....	.15	.50
Gynerium Argenteum (Pampas Grass).....	.15	.50
Stipa Pennata (Feather Grass).....	.25	1.00

GREVILLEA (Silk Oak)

Robusta. A beautiful ornamental foliage plant; grown extensively for vase work and very easily raised from seed..... .20 .60



Gypsophila, Paniculata fl. pl.

GYPHOPHILA (Baby's Breath)

Free flowering plants of easy culture; excellent for cutting to mix with other flowers.

	Trade Pkt.	Oz.
Elegans Alba Grandiflora. Hardy annual variety; flowers pure white..... (1/4 lb., 60c.; \$1.75 per lb.)	\$0.15	\$0.25
Elegans Carminea. Bright carmine rose (1/4 lb., 60c.; \$2.00 per lb.).....	.15	.25
Paniculata. Perennial; graceful sprays of white flowers..... (1/4 lb., \$1.40)	.15	.40
Paniculata Fl. Pl. Perennial, with double white flowers.....	.50	4.00

HELENIUM

Autumnale Superbum. Perennial; large heads of golden yellow flowers..... .25 1.50

HELIANTHUS See Sunflower.

HELICHRYSUM (Straw Flower)

The varieties offered below are all of the Monstrosum type, producing large and perfectly double flowers. Valuable for cutting or decoration, either when fresh or in their dried state.

	Trade Pkt.	Oz.
Fireball. Crimson.....	\$0.20	\$0.60
Golden Ball. Golden yellow.....	.20	.60
Rose Carmine.....	.20	.60
Salmon Pink.....	.20	.60
Silver Ball. White.....	.20	.60
Violet.....	.20	.60
Choice Mixed.....	.15	.50

HELIOPSIS (Orange Sunflower)

Pitcheriana. Perennial; deep golden yellow flowers; excellent for cutting.....	.15	.75
--	-----	-----

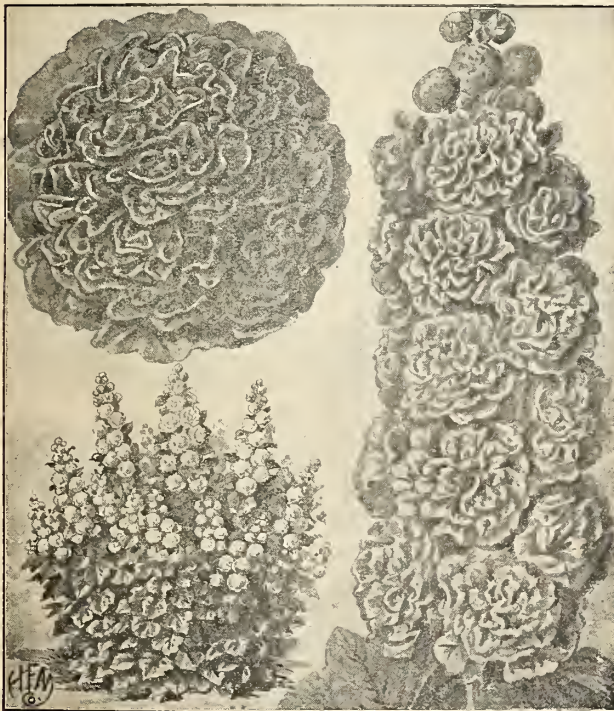
HELIOTROPE

Highly prized on account of the delightful fragrance of the flowers; excellent for pots or bedding.

	Trade Pkt.	Oz.
Lemoine's Giant Hybrids. Immense flowers.....	\$0.30	\$1.75
Regal. Dwarf large flowering.....	.40	1.75
Choice Mixed.....	.25	1.50

HEUCHERA (Alum Root)

Sanguinea. Hardy perennial; spikes of vivid crimson flowers; excellent for cutting.....	.40	3.50
---	-----	------



Hollyhock, Chater's Double

HOLLYHOCK

Our seed of this popular perennial plant is saved from extra fine double flowers and cannot be surpassed.

	Trade Pkt.	Oz.	1/4 lb.
Allegheny. Semi-Double Fringed, Mixed.....	\$0.20	\$0.75	\$2.75
Chater's Double Maroon.....	.20	1.00	3.75
" " Pink.....	.20	1.00	3.75
" " Red.....	.20	1.00	3.75
" " Salmon.....	.20	1.00	3.75
" " White.....	.20	1.00	3.75
" " Yellow.....	.20	1.00	3.75
" " Mixed.....	.20	.75	2.75
Double Everblooming Mixed. Flowers the first year from seed.....	.25	1.00	3.75
Single Everblooming Mixed.....	.20	.60	2.25
Single Mixed.....	.15	.50	1.75

HIBISCUS (Marshmallow),

	Trade Pkt.	Oz.
Crimson Eye. White with crimson centre.....	\$0.20	\$0.60
Golden Bowl. Yellow, with maroon centre.....	.20	1.00
Moscheutos. Large pink flowers.....	.15	.40
New Giant (Mallow Marvel). Mixed.....	.15	.60

HONESTY (Lunaria)

Biennis Alba. Admired for its silvery seed panicles..	.15	.40
---	-----	-----

HORDEUM See Grasses, page 16.

HUMULUS (Japanese Hop)

A rapid-growing annual climber; very ornamental.

Japonicus. Green foliage.....	.15	.35
Japonicus Variegatus. Leaves mottled with white.....	.15	.40

HUNNEMANNIA (Giant Yellow Tulp Poppy)

Fumariaefolia. Will produce flowers from July till frost; good for cutting.....	\$0.15	\$0.40
---	--------	--------

HYACINTH BEAN. See Dollchos

IMPATIENS (Sultan's Balsam)

An elegant plant for house and conservatory decoration.

	Trade Pkt.	Oz.
Holsti. Vermillion red.....	\$0.40	
Holsti New Hybrids. Various colors.....	.40	
Sultani. Bright rose.....	.40	
Sultani Hybrida. Various colors.....	.40	



Ipomoea (Moon Flower)

IPOMOEA

	Trade Pkt.	Oz.
Heavenly Blue (Rubra Coerulea).....	\$0.20	\$0.60
Noctiflora (Moon Flower). Large white. Lb., \$4.00; \$1.25 per 1/4 lb.....	.15	.40
Quamoclit Hybrida (Cardinal Climber). Fiery, cardinal red.....	.50	2.00
Setosa (Brazilian Morning Glory). Pink.....	.15	.30
Mixed.....	.15	.30

IRIS (Flowering Flag)

Kaempferi (Japanese Iris). Mixed colors.....	.15	.50
--	-----	-----

KENILWORTH IVY

Linaria Cymbalaria. Flowers violet.....	.40	2.00
---	-----	------

KOCHIA (Summer Cypress or Mexican Fire Bush)

Childsii. An improved strain.....	\$0.15	\$0.25
-----------------------------------	--------	--------

LANTANA

A valuable plant for bedding, pot culture or vases.

Dwarf Compact Mixed.....	.15	.50
Choice Mixed.....	.15	.40

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Larkspur, Double Tall Stock Flowered

LARKSPUR (Annual)

A very popular annual for cutting.		Trade Pkt.	Oz.	1/4 lb.
Dwarf Double Rocket.	Mixed colors	\$0.15	\$0.25	\$0.75
Giant Hyacinth Flowered.	Mixed	.15	.50	1.75
Tall Stock Flowered	Dark Blue	.15	.50	1.75
"	"	"	"	"
"	Exquisite.	.25	1.00	
"	Lilac	.15	.50	1.75
"	Lustrous Carmine	.15	.50	1.75
"	Shell Pink	.15	.50	1.75
"	Sky Blue	.15	.50	1.75
"	White	.15	.50	1.75
"	Mixed	.15	.30	1.00



Lupinus

LATHYRUS LATIFOLIUS (Perennial Pea)

	Trade Pkt.	Oz.
Crimson	\$0.20	\$0.60
Pink Beauty. Bright pink	.20	.75
White	.20	.75
Choice Mixed Colors	.15	.50

LAVENDER

Lavendula Vera (True).	Fragrant blue flowers	.20	.60
------------------------	-----------------------	-----	-----

LEPTOSYNE

Maritima.	Free-flowering annual, with large, single yellow flowers; fine for cutting	.30	1.50
-----------	--	-----	------

LINARIA

Macedonica Speciosa "Nymph". Hardy perennial, blooming the first year if sown early; flowers large; cream color, with orange yellow spot on lower lip. .50

LINUM

Grandiflorum Rubrum (Scarlet Flax)	.15	.25
------------------------------------	-----	-----



Lobelia, Crystal Palace Compacta

LOBELIA

One of the best plants for edging beds, or for pots, baskets and vases. Seed should be sown early.

	Trade Pkt.	Oz.
Barnard's Perpetual. Dwarf blue with white eye; trailing	\$0.30	\$1.50
Crystal Palace Compacta. This is the leading dwarf variety; dark blue flowers carried erect	.40	2.00
Crystal Palace Speciosa. The best trailing sort for baskets and vases; deep blue	.20	1.00
Emperor William. Dwarf; light blue	.30	1.75
Gracilis. Light blue; trailing	.15	.60
Sapphire. A beautiful trailing variety; deep blue with white eye. (1/8 oz., 75c.)	.40	
White Gem. Pure white; dwarf	.30	1.50
Choice Mixed	.20	1.00
Cardinalis (Cardinal Flower). Stately plants with spikes of cardinal red flowers; perennial	.50	4.00

LUPINUS (Annual) Trade Pkt. Oz. 1/4 lb.

Pink	\$0.15	\$0.25	\$0.80
Rich Blue	.15	.25	.80
Sky Blue	.15	.25	.80
Scarlet, White Tipped	.15	.25	.80
White	.15	.25	.80
Yellow	.15	.40	1.40
Mixed	.15	.25	.80

LUPINUS - Perennial Varieties

Polyphyllus Blue	\$0.15	\$0.25
" Roseus. Soft pink	.20	.75
" Somerset. Yellow	.30	2.00
" White	.15	.25
" Mixed. All colors	.15	.25

LYCHNIS

	Trade Pkt.	Oz.
<i>Chalcedonica</i> . Scarlet cross-like flowers; 2 feet...	\$0.15	\$0.35
<i>Haageana Hybrida</i> . Mixed; various colors; 1 foot...	.40	1.75



Marigold

MARIGOLD

Dwarf French Varieties

Favorite, free flowering annuals for bedding and cutting; rich, showy flowers.			Trade Pkt.	Oz.
<i>Gold Striped</i> . Double; brownish red striped yellow.....	(1/4 lb., \$1.75)	\$0.15	\$0.50	
<i>Legion of Honour (Little Brownie)</i> . Single; golden yellow with spot of crimson velvet.....	(1/4 lb., \$1.25)	.15	.35	
<i>Liliput</i> . Very dwarf; mixed colors; fine for pots.....	(1/4 lb., \$1.75)	.15	.50	
<i>Dwarf French Mixed</i>	(1/4 lb., \$1.25)	.15	.35	

MARIGOLD—African Varieties

<i>El Dorado</i> . Tall growing sort; double orange.....	(1/4 lb., \$1.75)	.15	.50	
<i>Lemon Queen</i> . Clear lemon yellow; double.....	(1/4 lb., \$2.00)	.15	.60	
<i>Orange Beauty</i> . Single; orange yellow.....	(1/4 lb., \$2.00)	.15	.60	
<i>Orange Prince</i> . Rich orange yellow; double.....	(1/4 lb., \$2.00)	.15	.60	
<i>Pride of the Garden</i> . Golden yellow; dwarf.....	(1/4 lb., \$1.75)	.15	.50	
<i>Tall Double Mixed</i>	(1/4 lb., \$1.00)	.15	.30	

MARVEL OF PERU (Four o'Clock)

Mixed Colors.....	(1/4 lb., 40c.)	.15		
-------------------	-----------------	-----	--	--

MATRICARIA. See Feverfew

MATTHIOLA

<i>Bicornis (Evening Scented Stock)</i> . Purplish lilac....	.15	.25		
--	-----	-----	--	--

MAURANDIA

A splendid climbing plant for vases, baskets, etc.			
<i>Barclayana</i> . Purple.....	.40	2.00	
<i>Choice Mixed</i> . All colors.....	.25	1.50	

MESEMBRYANTHEMUM

	Trade Pkt.	Oz.
<i>Cordifolium Variegatum</i> . Pink flowers.....	\$0.40	\$2.50
<i>Crystallinum (Ice Plant)</i> . White flowers.....	.15	.40
<i>Tricolor (Wax Plant)</i> . Various colors.....	.20	.75



Mignonette, Michell's Colossal

MIGNONETTE

Valuable for cutting on account of its fragrance.

	Trade Pkt.	Oz.
<i>Allen's Defiance</i> . Large spikes.... (1/4 lb., \$1.25)	\$0.15	\$0.40
<i>Bismarck</i> . Large compact spikes.....	.20	.75
<i>Golden Machet</i> . Large golden yellow.....	.15	.50
<i>Goliath</i> . Giant spikes; extra fine.....	.25	1.00
<i>Machet</i> . Improved and selected.... (1/4 lb., \$1.50)	.15	.50
<i>Michell's Colossal</i> . One of the finest sorts for forcing. Colossal spikes from 18 to 24 inches high...	.50	6.00
<i>Sweet Scented</i> . Large flowering.... (1/4 lb., 40c.)		.15

MIMOSA. See Sensitive Plant

MIMULUS

<i>Moschatus (Musk Plant)</i> . Yellow flowers; fragrant foliage.....	.40	4.00
<i>Tigrinus (Monkey Flower)</i> . Mixed.....	.30	2.00

MOONFLOWER. See Ipomoea.

MORNING GLORY. See Convolvulus.

MUSA

<i>Ensete (Abyssinian Banana)</i> . 50c. per 25 seeds; 100 seeds, \$1.25.		
---	--	--

MYOSOTIS (Forget-Me-Not)

	Trade Pkt.	Oz.
<i>Alpestris Victoria</i> . Bright blue; dwarf.....	\$0.25	\$1.50
<i>Dissitiflora</i> . Deep blue; early flowering.....	.40	4.00
<i>Eliza Fanrobert</i> . Blue; fine for pots.....	.25	1.00
<i>Grandiflora Alba</i> . White.....	.25	1.00
<i>Grandiflora Rosea</i> . Pink.....	.25	1.00
<i>Michell's Winter Flowering</i> . The finest variety for forcing; long stems; large deep blue flowers; sow seed in cold frame in June and transplant to a cool house for winter blooming.....	.50	3.50
<i>Palustris</i> . Robust plants; deep blue flowers.....	.40	2.00
<i>Palustris Semperflorens</i> . Everblooming, blue....	.40	2.50
<i>Royal Blue</i> . Erect growing; rich blue.....	.20	.75
<i>Ruth Fischer</i> . Large; true blue.... (1/16 oz., \$1.00)	.50	
<i>Choice Mixed</i>.....	.15	.60

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Micell's Giant Flowering Nasturtiums

NASTURTIIUMS

Excellent for window boxes, vases, baskets, etc.; the dwarf sorts are fine for beds or borders.

DWARF OR TOM THUMB VARIETIES

	Oz.	¼ lb.	Lb.
Aurora. Rich yellow, veined carmine.....	\$0.15	\$0.40	\$1.25
Beauty. Yellow with scarlet veinings.....	.15	.40	1.25
Bronze. Burnished bronze color.....	.15	.40	1.25
Chameleon. Various colors on same plant..	.15	.40	1.25
Cloth of Gold. Scarlet; yellow foliage....	.15	.40	1.25
Crystal Palace Gem. Sulphur, spotted maroon.....	.15	.40	1.25
David Burpee Spencer. Leaves wavy and ruffled; flowers deep scarlet.....	.15	.40	1.25
Empress of India. Crimson; dark foliage..	.15	.40	1.25
Golden King. Golden yellow.....	.15	.40	1.25
Golden Queen. Yellow flowers and foliage..	.15	.40	1.25
King of Tom Thumbs. Dark scarlet.....	.15	.40	1.25
King Theodore. Crimson maroon; dark foliage.....	.15	.40	1.25
Lady Bird. Yellow and red.....	.15	.40	1.25
Pearl. Creamy white.....	.15	.40	1.25
Pink.....	.15	.40	1.25
Prince Henry. Cream, spotted and tipped red	.15	.40	1.25
Queen of Tom Thumbs Crimson.....	.15	.40	1.25
Scarlet.....	.15	.40	1.25
Spotted. Rich yellow, spotted crimson....	.15	.40	1.25
Vesuvius. Salmon pink; dark leaved.....	.15	.40	1.25
Yellow.....	.15	.40	1.25
Choice Mixed (10 lbs., \$7.00)	.10	.25	.75
Golden Foliage Mixed.....	.15	.40	1.25
Ivy Leaved Mixed.....	.15	.40	1.25
Liliput Mixed. Very dwarf; good for pots..	.15	.50	1.50
Micell's Giant Flowering Mixed.....	.15	.40	1.25
Queen of Tom Thumb Mixed. Silver variegated foliage; very showy.....	.15	.50	1.50

LOBB'S TALL OR CLIMBING

Asa Gray. Yellowish white.....	.15	.40	1.25
Black Prince. Dark velvety crimson.....	.15	.40	1.25
Brilliant. Glowing scarlet.....	.15	.40	1.25
Golden Queen. Golden yellow.....	.15	.40	1.25
Roi des Noirs. Dark garnet red.....	.15	.40	1.25
Spitfire. Brilliant scarlet.....	.15	.40	1.25
Choice Mixed. Lobbs' varieties.....	.10	.30	1.00

NASTURTIIUMS—Continued

CLIMBING OR TRAILING VARIETIES

	Oz.	¼ lb.	Lb.
Chameleon. Various colors on same plant..	\$0.10	\$0.30	\$1.00
Crimson.....	.10	.30	1.00
Hemisphaericum. Orange salmon and scarlet.....	.10	.30	1.00
Jupiter. Yellow, crinkled petals.....	.10	.30	1.00
King Theodore. Crimson maroon; dark foliage.....	.10	.30	1.00
Orange.....	.10	.30	1.00
Pearl. Creamy white.....	.10	.30	1.00
Pink.....	.10	.30	1.00
Prince Henry. Cream spotted and tipped red	.10	.30	1.00
Scarlet.....	.10	.30	1.00
Vesuvius. Salmon pink; dark leaved.....	.10	.30	1.00
Yellow.....	.10	.30	1.00
Choice Mixed (10 lbs., \$5.50)	.10	.25	.65
Hybrids of Madame Gunther, Mixed....	.15	.40	1.25
Ivy Leaved Mixed.....	.15	.40	1.25
Micell's Giant Flowering Mixed.....	.15	.35	1.00

NEMESIA

Trade Pkt. Oz.

Strumosa Suttoni. A splendid annual, with large flowers varying in color from creamy white to deep orange and carmine; fine for bedding.....\$0.40 \$2.00

NICOTIANA (Ornamental Tobacco)

Showy annual plants, giving a continuous display of brilliant flowers.

Trade Pkt. Oz.

Affinis. Large white, fragrant flowers.....\$0.15 \$0.35
Affinis Hybrids. Mixed colors......15 .40
Sanderae. Flowers carmine red......15 .40

NIEREMBERGIA

Excellent for baskets, vases, or bedding out.

Frutescens. White, tinted with lilac..... 20 .75

NIGELLA (Love in a Mist)

Damascena. Showy annual of compact growth, with finely cut foliage and curious flowers; blue and white mixed; 1 foot......15 .25
Miss Jekyll. A lovely variety, with long stems, and bearing a profusion of beautiful flowers of a clear cornflower blue; excellent for cutting; 18 inches.. .15 .30

Our strains of this popular flower are procured from the leading Pansy specialists, and cannot be surpassed for size and form, beautiful markings and brilliancy of colors and shadings.

GIANT STRAIN IN SEPARATE COLORS

	Trade Pkt.	Oz.	¼ lb.
Giant Prize, Azure Blue.....	\$0.40	\$2.00	\$7.50
" " Black Blue.....	.40	2.00	7.50
" " Emperor William. Blue....	.40	2.00	7.50
" " Hortensia Red.....	.40	2.00	7.50
" " King of the Blacks.....	.40	2.00	7.50
" " Lord Beaconsfield. Purple violet.....	.40	2.00	7.50
" " Peacock. Blue, claret and white.....	.40	3.00	11.00
" " Snow Queen. Pure white...	.40	2.00	7.50
" " Striped and Mottled.....	.40	2.00	7.50
" " White with Eye.....	.40	2.00	7.50
" " Pure Yellow.....	.40	2.00	7.50
" " Yellow with Eye.....	.40	2.00	7.50

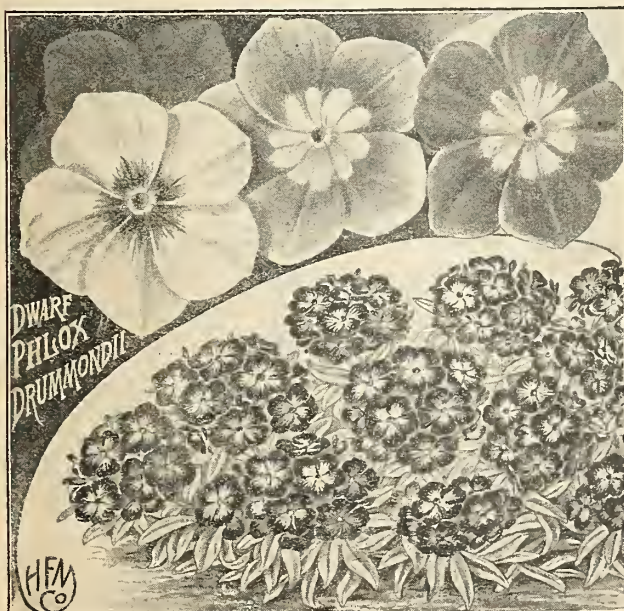
REGULAR STRAIN IN SEPARATE COLORS

	Trade Pkt.	Oz.	¼ lb.
Belgian Striped.....	\$0.25	\$1.50	\$5.50
Emperor William. Blue.....	.25	1.50	5.50
Faust, or King of the Blacks.....	.25	1.50	5.50
Gold Margined. Purple, golden edge.....	.25	1.50	5.50
Havana Brown.....	.25	1.50	5.50
Lord Beaconsfield. Purple violet.....	.25	1.50	5.50
Mahogany Colored.....	.25	1.50	5.50
Silver Edged. Purple, silver edge.....	.25	1.50	5.50
Snow Queen. Pure white.....	.25	1.50	5.50
White with Eye.....	.25	1.50	5.50
Yellow Gem. Pure yellow.....	.25	1.50	5.50
Yellow with Eye.....	.25	1.50	5.50

GIANT FLOWERING PANSIES IN MIXTURE

Michell's Giant Exhibition, Mixed. A giant strain which we have secured from the leading Pansy specialists, both at home and abroad. For size of bloom, heavy texture and varied shades and colors, with their distinct markings, this strain cannot be excelled. 30c. per ½ trade pkt.; trade pkt., 50c.; \$1.25 per ½ oz.; per ¼ oz., \$2.00; \$7.00 per oz.; ¼ lb., \$26.00.

Triumph of the Giants, Mixed. Produces on long stems flowers of immense size; many beautiful, rich and rare shades. 60c. per ½ trade pkt.; trade pkt., \$1.00; \$2.25 per ¼ oz.; per oz., \$8.00; \$30.00 per ¼ lb.



Phlox Drummondii, Dwarf



Michell's Giant Exhibition Pansy

PANSIES IN MIXTURE (Continued)

	Trade Pkt.	Oz.	¼ lb.
Bugnot, Odier and Cassier. A superb mixture of most brilliant colors and markings; flowers extra large.....	\$0.50	\$3.50	\$12.50
Giant Trimardeau Mixed. Very large flowering in a good range of colors.....	.30	2.25	8.00
Mad. Perret. Especially rich in red shades; flowers are of large size and borne freely...	.50	3.00	11.00
Masterpiece (Frisled Pansy). Beautiful rich colors; petals curled or waved.....	.50	5.00	18.00
Odier or Blotched. A distinct fine strain...	.50	3.50	13.00
Parisian Large Stained. Large flowering...	.50	2.50	9.00
Finest English Mixed. Large flowering...	.25	1.50	5.00
Very Fine Mixed.....	.20	1.25	4.50

PENNISETUM. See Grasses, page 16.

PENTSTEMON

	Trade Pkt.	Oz.
Sensation. Largely used for bedding; should be treated the same as Petunias, Verbenas, etc.; mixed colors.....	\$0.30	\$2.50
New Hybrids Mixed. Hardy perennial; large spikes	.30	2.00

PETUNIA. See next page.

PHLOX DRUMMONDII

Beautiful summer flowering annuals; make excellent pot plants for spring sales.

DWARF OR COMPACT VARIETIES

	½ Trade Pkt.	Trade Pkt.	Oz.	¼ lb.
"Cecily." Large flowering mixed.....	\$0.30	\$0.50	\$2.50	\$9.00
Fireball. Brilliant scarlet.....	.25	.40	2.25	
Pink.....	.25	.40	2.25	
Snowball. Pure white.....	.25	.40	2.25	
Choicest Mixed.....	.25	.40	1.75	6.50

PHLOX—GRANDIFLORA VARIETIES

Alba. Pure white.....	.25	1.00
Coccinea. Scarlet.....	.25	1.00
Pink.....	.25	1.00
Stellata Splendens. Scarlet, with white eye.	.25	1.00
Choicest Mixed.....	.20	.80 3.00

PHLOX—VARIOUS SORTS

Fine Mixed.....	.15	.60 2.25
Hardy (Decussata). Choice mixed.....	.30	2.00

MICHELL'S PETUNIAS



Petunia, Grandiflora Fringed

We call special attention to our Large Flowering strains of Petunias, which for size and brilliancy of coloring cannot be surpassed. Seeds are grown for us by specialists in this country and Europe.

SINGLE FLOWERING		$\frac{1}{2}$ Trade Pkt.	Trade Pkt.
California Giants. Strong, robust plants; immense flowers of bright and desirable colors.....	($\frac{1}{16}$ oz., \$3.00)	\$0.30	\$0.50
Dwarf Inimitable. Of dwarf, compact habit; flowers striped and blotched.....	($\frac{1}{16}$ oz., \$2.50)	\$0.30	\$0.50
Grandiflora Fringed. Each petal of these giant flowers is delicately fringed; all colors mixed.....	($\frac{1}{16}$ oz., \$2.50)	.30	.50
Monstrosus (Michell's). Extra large flowers, many of which are elegantly fringed; the colorings, markings, veinings, blotches, etc., are superb; many of them have deep throats of various shades ($\frac{1}{32}$ oz., \$2.50; \$4.00 per $\frac{1}{16}$ oz.).....		.60	1.00



Petunia, Rosy Morn

Rosy Morn.		$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Oz.
Dwarf, bushy plants, with brilliant rose-colored flowers with a white throat; one of the most popular bedding sorts....		\$0.30	\$0.50	\$2.50

Ruffled Giants.		$\frac{1}{2}$ Trade Pkt.	Trade Pkt.	Oz.
Large flowers, finely ruffled and frilled at edges.....	($\frac{1}{16}$ oz., \$3.00)	\$0.30	\$0.50	
Snowball. Dwarf; pure white.....		.30	.50	\$2.00
Star. A beautiful variety; crimson maroon flowers, each having a distinct five-pointed white star.....		.30	.50	2.00
Choice Mixed. Striped and blotched.....			.25	1.00
Fine Mixed. All colors.....			.15	.60

PORTLAND PETUNIAS

For illustration and full description see novelty pages.

		$\frac{1}{2}$ Trade Pkt.	Trade Pkt.
Elk's Pride. Large, deep royal purple.....	($\frac{1}{32}$ oz., \$2.00)	\$1.00	
Irvington Beauty. Flowers fringed; peach blossom color, with white throat.....	($\frac{1}{32}$ oz., \$2.00)	1.00	
Pride of Portland. Large, deep rose pink fringed flowers ($\frac{1}{32}$ oz., \$2.00).....		1.00	
Scarlet Beauty. Flowers fringed; color, shading from cherry red to deep maroon.....	($\frac{1}{32}$ oz., \$2.00)	1.00	
White Beauty. Pure white flowers with finely fringed edges.....	($\frac{1}{32}$ oz., \$2.00)	1.00	



Giant Flowering, Double Fringed Petunia

PETUNIA—DOUBLE FLOWERING

As the seed of the double varieties is obtained by hybridization it will not produce all double flowers, but the singles will be unusually fine. The weaker seedlings should receive great care, as they usually produce the finest double flowers.

Double Fringed Mixed. Superb colors and of mammoth size. Per 500 seeds, \$1.00; \$1.75 per 1000 seeds.

PHYSOSTEGIA

		Trade Pkt.	Oz.
Virginica. Pink.		\$0.20	\$0.75
Virginica Alba. White......		.25	1.25

PLATYCODON (Chinese Bell Flower)

A very desirable perennial; handsome for garden decoration; bell shaped flowers.

		Trade Pkt.	Oz.
Grandiflorum, Blue.		\$0.25	\$1.00
Grandiflorum, White......		.25	1.00

POLYANTHUS (Primula Elatior)

Beautiful spring flowering hardy perennials, for pot culture or the garden.

		Trade Pkt.	Oz.
Gold Laced. Very showy.....		\$0.40	\$3.50
Double Mixed......		.50	
English. Single mixed.....		.40	2.00



Michell's
Monstrosus Petunia
Mixed Colors

Flowers extra large, and of many colors, with beautiful markings, veinings, etc. Half trade pkt., 60c.; \$1.00 per trade pkt.; $\frac{1}{2}$ oz. \$2.50; \$4.00 per $\frac{1}{16}$ oz.

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Oriental Poppy

POPPY

DOUBLE ANNUAL VARIETIES

	Trade Pkt.	Oz.
Carnation Flowered. Mixed.....($\frac{1}{4}$ lb., 50c.)		\$0.15
Crimson King. Crimson.....		.25
Fairy Blush. White, fringed and tipped with rose..		.15
Mikado (<i>Striped Japanese</i>). White, striped crimson..		.15
Paeony Flowered, Scarlet.....		.15
" " White.....		.15
" " Yellow.....		.15
" " Mixed.....($\frac{1}{4}$ lb., 50c.)		.15
Improved Shirley, May Queen. An improved strain; large double flowers; mixed colors.....		.20

POPPY—SINGLE ANNUAL VARIETIES

Admiral. Pure white with scarlet edge.....	.15	.25
American Legion. A new Shirley poppy of a dazzling orange-scarlet; immense size.....	.25	1.00
Danebrog. Scarlet with white spots.....	.15	.25
King Edward. Scarlet, shaded black.....	.15	.25
Miss Sherwood. Chamois rose.....	.15	.25
Shirley. Large flowers; mixed colors..($\frac{1}{4}$ lb., 75c.)	.15	.25
Tulip. Glowing scarlet.....	.15	.40
Umbrosum. Rich vermillion.....	.15	.25

POPPY—PERENNIAL VARIETIES

Giant Scarlet.....	.15	.50
Iceland (<i>Nudicaule</i>). White.....	.25	1.25
" Yellow.....	.25	1.25
" Single Mixed.....	.25	1.00
Oriental. Deep scarlet.....	.15	.75
" Mrs. Perry. Rich salmon pink.....	.40	3.00
" Hybrids. Mixed colors.....	.25	1.00

PORTULACA

Double. Large flowering, mixed; extra fine quality	.30	2.00
Single. Large flowering, mixed.....	.15	.40

PUERARIA (Kudzu Vine)

Thunbergiana. Perennial climber; rosy purple pea-shaped flowers.....	.15	.40
--	-----	-----

PYRETHRUM

FOLIAGE SORTS FOR BEDDING

Aureum (<i>Golden Feather</i>). Yellow foliage.....	.15	.30
---	-----	-----

PYRETHRUM—FLOWERING SORTS (Perennial)

Roseum. Pink.....	\$0.40	\$2.00
Uliginosum (<i>Giant White Daisy</i>).....	.40	1.50
Hybridum. Single mixed.....	.30	1.50
Hybridum. Double mixed.....($\frac{1}{8}$ oz., \$1.00)	.50	



Michell's Prize Chinese Primula

MICHELL'S "DISTINCTIVE" PRIMROSES

PRIMULA CHINENSIS FIMBRIATA

We have a superb strain, grown for us exclusively by the best specialists in Europe. The plants are compact; individual and clusters of flowers immense; colors superb, and mostly fringed petals. Our strain cannot be surpassed.

	$\frac{1}{2}$ Trade Pkt.	Trade Pkt.
Alba Magnifica. White.....($\frac{1}{32}$ oz., \$1.50)	\$0.60	\$1.00
Chiswick Red. Bright red.....($\frac{1}{32}$ oz., \$1.75)	.60	1.00
Duchess. White with zone of rosy carmine, yellow eye.....($\frac{1}{32}$ oz., \$1.75)	.60	1.00
Holborn Blue.....($\frac{1}{32}$ oz., \$2.25)	.60	1.00
Kermesina Splendens. Crimson.....($\frac{1}{32}$ oz., \$1.75)	.60	1.00
Rosy Morn. Pink.....($\frac{1}{32}$ oz., \$2.25)	.60	1.00
Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains.....($\frac{1}{16}$ oz., \$3.00)	.60	1.00

PRIMULA OBCONICA

These are splendid pot plants for winter blooming. Trade Pkt.

Gigantea Alba. White.....($\frac{1}{32}$ oz., \$2.00)	\$0.50
" Coerulea. Blue.....($\frac{1}{32}$ oz., \$2.00)	.50
" Kermesina. Crimson.....($\frac{1}{32}$ oz., \$2.00)	.50
" Lilacina. Pale lilac.....($\frac{1}{32}$ oz., \$2.00)	.50
" Rosea. Pink.....($\frac{1}{32}$ oz., \$2.00)	.50
" Hybrida. Mixed.....($\frac{1}{32}$ oz., \$1.50)	.50
" MONSTER. A large flowering strain grown by a specialist.	
" Apple Blossom. Soft pink.....	1.00
" Kermesina. Deep crimson.....	1.00
" Plathii. Brilliant deep rose.....	1.00
" Rosea. Pink.....	1.00
" Mixed Colors.....	1.00
Grandiflora Fimbriata. Fringed; mixed...($\frac{1}{32}$ oz., \$1.75)	.50
Grandiflora Vesuvius. Deep crimson.....($\frac{1}{32}$ oz., \$2.50)	.50

PRIMULA VARIOUS SORTS

Kewensis (<i>Verbena Scented Yellow Primrose</i>). Of strong growth; long spikes of yellow flowers.....($\frac{1}{16}$ oz., \$1.25)	.50
Malacoides (<i>Improved Baby Primrose</i>). Color, light lilac.....($\frac{1}{16}$ oz., \$1.00)	.50
Malacoides Alba. Pure white.....($\frac{1}{16}$ oz., \$1.25)	.50
Malacoides Alba Plena. Double white. Per pkt., 60c.	
Malacoides Superba. Deep rosy pink flowers. Per pkt., 30c.	
Veris (<i>Cowslip</i>). Mixed.....(Oz., \$2.25)	.40

MICHELL'S GIANT FLOWERING PRIMULAS



Our strains of these are the very best obtainable; florists can build up a big trade on them.

Trade Pkts.

1	Malacoides . . . . .	.50
2	Obconica Gig. Rosea . . . . .	.50
3	Obconica Kermesina, Monster	1.00
4	Obconica Lilacina . . . . .	.50
5	Obconica Apple Blossom, Monster	1.00
6	Obconica Vesuvius . . . . .	.50
7	Obconica Kermesina . . . . .	.50

See body of Catalog for Prices on Larger Quantities

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

RHODANTHE (Everlasting Flower),

	Trade Pkt.	Oz.
Double Pink. Fine for cutting; annual.....	\$0.25	\$1.00
Mixed Colors.....	.15	.50

RICINUS (Castor Oil Bean)

Very effective plants on the lawn as centerpieces in flowering beds such as cannas, etc. There is always a good demand for these plants.

	Oz.	1/4 lb.
Borboniensis. Green foliage; 15 feet.....	\$0.15	\$0.50
Cambodgensis. Bronzy maroon; 5 feet.....	.15	.50
Gibsoni. Dark red; 5 feet.....	.15	.50
Michell's Giant. Immense dark brown leaves; blue-powdered stems.....	.15	.50
Sanguineus. Blood-red stalks; 8 feet.....	.15	.50
Zanzibariensis. Large; various colors; 12 feet....	.15	.50
Mixed. All sorts..... (Lb., \$1.00)	.10	.30

RUDBECKIA (Cone Flower)

Tall growing plants, flowering profusely all summer.

	Trade Pkt.	Oz.
Bicolor Superba. Yellow flowers, brown centre...	\$0.15	\$0.50
Newmani. Hardy perennial; yellow.....	.30	1.25
Purpurea (Giant Purple Cone Flower). Hardy perennial; reddish purple flowers.....	.25	1.25



Salvia, Bonfire

SALVIA (Flowering Sage)

Much of the Salvia we offer has been saved from specimen plants grown at our own grounds at Andalusia, Pa. Seeds are plump, strong in germination and will give superior satisfaction.

	1/2 Trade Pkt.	Trade Pkt.	Oz.
America or Globe of Fire. An excellent variety of dwarf, bushy, compact growth; uniform in height and shape and literally aglow with large spikes of brilliant scarlet flowers from early in the season until late in fall..... (1/4 oz., \$1.25)	\$0.30	\$0.50	\$4.50
Bonfire (Clara Bedman). Medium dwarf; compact growth.....	.25	.40	2.50
Farinacea. A perennial variety, but best treated as an annual; color, light blue....	.25	1.25	
Patens. Blue..... (1/4 oz., \$1.00)	.30	.50	
Splendens. The old-fashioned tall variety; bright scarlet.....	.25	1.50	
Zurich. Dwarf; intense scarlet flowers; early flowering.....	.30	.50	4.00

SALPIGLOSSIS

Easily grown and useful summer flowering annuals; very showy. Excellent for cutting.

	Trade Pkt.	Oz.
Crimson and Gold.....	\$0.30	\$1.25
Primrose.....	.30	1.25
Purple and Gold.....	.30	1.25
Rose and Gold.....	.30	1.25
Scarlet and Gold.....	.30	1.25
White and Gold.....	.30	1.25
Choice Mixed.....	.20	.75
Emperor. Choice mixed; large flowering.....	.25	1.00

SAPONARIA

Vaccaria. A profuse blooming annual with beautiful pink, feathery flowers..... .15 .25



Scabiosa, Grandiflora

SCABIOSA (Mourning Bride)

Magnificent annuals of easy culture; invaluable for cutting; also excellent for beds or borders.

	Trade Pkt.	Oz.	1/4 lb.
Grandiflora, Azure Fairy. Light blue.....	\$0.15	\$0.60	\$2.25
" Cherry Red.....	.15	.60	2.25
" Crimson.....	.15	.60	2.25
" Flesh Pink.....	.15	.60	2.25
" King of the Blacks. Deep purple.....	.15	.60	2.25
" Pompadour. Purple and white.....	.15	.60	2.25
" Rose.....	.15	.60	2.25
" White.....	.15	.60	2.25
" Choice Mixed.....	.15	.40	1.40
Dwarf Double Mixed.....	.15	.40	1.40
Caucasica. Perennial; lilac.....	.40	3.00	
Caucasica Alba. White.....	.40	3.00	
Japonica. Perennial; lavender blue.....	.15	.60	

Testimonial

New Rochelle, N. Y.

July 6th, 1922.

Will send order for bulbs later. I must say that your seeds, both Flower and Vegetable, are far beyond my expectations and the best I have ever used; you can rely on my patronage.

Mr. J. F.



Schizanthus, Wisetonensis

SCHIZANTHUS (Butterfly Flower)

Trade Pkt. Oz.

Garraway's Hybrids. A beautiful strain for greenhouse, containing a wide range of colors.....	\$0.50	
Hybridus Grandiflorus. Dwarf; mixed colors....	.20	\$0.75
Wisetonensis. Various colors; fine for pots.....	.30	1.25
Mixed. All colors.....	.15	.30

SENSITIVE PLANT (Mimosa)

Pudica. Flowers pinkish white.....	.15	.40
------------------------------------	-----	-----

SHAMROCK

True Irish.....	(1/4 lb., \$2.50)	.20	.75
-----------------	-------------------	-----	-----

SHASTA DAISY. See Chrysanthemum.

SMILAX (Myrsiphyllum Asparagoides)

A desirable greenhouse climber of great value for floral decorations. Trade pkt., 15c.; 30c. per oz.; 1/4 lb., \$1.00; \$3.75 per lb.

SNAPDRAGON. See Antirrhinum.

SOLANUM. See page 25.

STATICE See page 25.

STEVIA. See page 25.

Mich ell's "Distinctive" Stocks

Stocks are invaluable, and are one of the most profitable flowers to raise, provided you sow the right strains. For years we have made a specialty of supplying "Distinctive" strains, which are easily distinguished by their superior quality, strong germination and a remarkably small percentage of single flowers.

MICHELL'S EARLY FLOWERING "NICE" STOCK

A branching stock literally covered with blooms, which appear earlier than in any other strain. The colors are very distinct, so much so that they are not reproduced in any other strain.

	1/2 Trade	Trade	Oz.
	Pkt.	Pkt.	
Abundance. Dwarf, spreading habit; color carmine-rose.....	\$0.30	\$0.50	\$2.50
Beauty of Nice. Charming delicate pink....	.30	.50	2.50
Crimson King. Deep red.....	.30	.50	2.50
La Brillante. Rich brilliant crimson.....	.30	.50	2.50
Midsummer Night. Deep dark violet....	.30	.50	2.50
Mont Blanc. Pure white.....	.30	.50	2.50
Monte Carlo. Canary yellow.....	.30	.50	2.50
Old Rose (New). Extra fine.....	.30	.50	3.00
Queen Alexandra. Delicate lavender.....	.30	.50	2.50
Choice Mixed. All colors.....	.30	.50	2.00



Stock, Michell's Flower Market

MICHELL'S FLOWER MARKET STOCK

A branching stock of remarkable vigor of growth and size of bloom; produces its flowers evenly distributed over the stem and very early. A single plant will produce from 10 to 15 separate flower branches equally perfect.

	1/2 Trade	Trade	Oz.
	Pkt.	Pkt.	
Blood Red.....	\$0.30	\$0.50	\$2.50
Dark Blue.....	.30	.50	2.50
Flesh Pink.....	.30	.50	2.50
Light Blue.....	.30	.50	2.50
Rose Pink.....	.30	.50	2.50
White.....	.30	.50	2.50
Mixed Colors.....	.30	.50	2.25

LARGE FLOWERING DWARF TEN WEEK STOCK

For bedding there is nothing more effective; dwarf compact plants with fine spikes of double flowers. Our seed is selected from extra fine plants and will produce a large percentage of double flowers.

	1/2 Trade	Trade	Oz.
	Pkt.	Pkt.	
Blood Red.....	\$0.25	\$0.40	\$2.50
Crimson.....	.25	.40	2.50
Light Blue.....	.25	.40	2.50
Pink.....	.25	.40	2.50
Purple Violet.....	.25	.40	2.50
White.....	.25	.40	2.50
Yellow.....	.25	.40	2.50
Mixed.....	.25	.40	2.25

STOCKS (Various Sorts)

	1/2 Trade	Trade	Oz.
	Pkt.	Pkt.	
Brompton or Winter. Mixed.....	\$0.30	\$0.50	\$3.00
Dresden Perpetual (New). Lustrous carmine.....	.30	.50	3.00
Princess Alice (Cut-and-Come-Again). Of branching habit; pure white.....	.30	.50	2.50
Virginian. Mixed.....		.15	.25

MICHELL'S SWEET PEAS

SPENCER or ORCHID VARIETIES

This type is distinguished from the grandiflora sorts by the enormous flowers, which are crinkled and wavy and from the fact that they usually bear four flowers on a stem. The plants are of robust growth and produce their flowers on long stems.



Spencer or Orchid Sweet Peas

BLUE AND PURPLE

	Oz.	¼ lb.	Lb.
Captain of the Blues Spencer. Standard purple, wings blue.....	\$0.25	\$0.75	\$2.50
Royal Purple. Rich purple.....	.25	.75	2.50
Wedgewood. A lovely self blue.....	.25	.75	2.50

DEEP PINK OR ROSE

Apple Blossom Spencer. Rose and pink..	.25	.75	2.50
--	-----	-----	------

LAVENDER

Asta Ohn Spencer. Rich lavender.....	.25	.75	2.50
Flora Norton Spencer. Light lavender....	.25	.75	2.50
Florence Nightingale. Large; lavender...	.25	.75	2.50

LIGHT PINK

Blanche Ferry Spencer. Pink and white..	.25	.75	2.50
Countess Spencer. Clear pink, shading deeper at the edge.....	.25	.75	2.50
Florence Morse Spencer. Delicate blush with pink margin.....	.25	.75	2.50
Henrietta. Light rose pink on a cream ground.....	.25	.75	2.50
Hercules. Giant pure pink.....	.25	.75	2.50

MAROON

King Manoel. Rich maroon.....	.25	.75	2.50
Othello Spencer. Deep maroon.....	.25	.75	2.50

ORANGE AND SALMON

Helen Lewis. Orange pink.....	.25	.75	2.50
Illuminator. Rich, salmon pink.....	.25	.75	2.50
Margaret Atlee. Light salmon pink on cream ground.....	.25	.75	2.50
Mrs. Hugh Dickson. Salmon pink on cream ground.....	.25	.75	2.50

PRIMROSE OR LIGHT YELLOW

Primrose Spencer. Light yellow.....	.25	.75	2.50
-------------------------------------	-----	-----	------

CRIMSON AND SCARLET

Fiery Cross. Large flowers; intense orange scarlet.....	.25	.75	2.50
King Edward Spencer. Crimson scarlet...	.25	.75	2.50
Liberty. Large flowering; crimson.....	.25	.75	2.50
Vermillion Brilliant. Intense scarlet....	.25	.75	2.50

STRIPED OR FLAKED

Helen Pierce Spencer. White mottled light blue.....	.25	.75	2.50
---	-----	-----	------

WHITE

Constance Hinton. Large white; black seeded.....	.25	.75	2.50
King White. Gigantic pure white flowers..	.25	.75	2.50
Nora Unwin. Large; pure white.....	.25	.75	2.50
White Spencer. Pure white.....	.25	.75	2.50

For Winter Flowering Spencer or Orchid Sweet Peas, see page 25.

GRANDIFLORA VARIETIES

On account of the greatly increased demand for the Spencer or Orchid flowered varieties, we have reduced our list of Grandifloras to only a few of the best sorts.

	Oz.	¼ lb.	Lb.
Blanche Ferry. Pink and white.....	\$0.10	\$0.30	\$1.00
Dorothy Eckford. Extra large white.....	.10	.30	1.00
Flora Norton. Delicate lavender.....	.10	.30	1.00
Hon. Mrs. E. Kenyon. Primrose yellow....	.10	.30	1.00
King Edward VII. Crimson scarlet.....	.10	.30	1.00
Lady Grisel Hamilton. Pale lavender....	.10	.30	1.00
Lord Nelson. Rich navy blue.....	.10	.30	1.00
Lovely. Soft shell pink.....	.10	.30	1.00
Miss Willmott. Deep orange pink.....	.10	.30	1.00
Othello. Dark maroon.....	.10	.30	1.00
Prima Donna. Soft pink.....	.10	.30	1.00

SWEET PEAS IN MIXTURE

Michell's Superb Spencer. Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades..... (10 lbs., \$14.00)	\$0.15	\$0.45	\$1.50
Michell's Gilt Edge. Large flowering; represents every color and shade in sweet peas (10 lbs., \$5.00)	.10	.20	.60

Dear Sirs: Pottsville, Pa.
Will you please send me your Seed Catalog. We had good results from your seeds last year, and wish to order more.
Respectfully yours, Mrs. Charles W. Gwinner

EARLY OR WINTER FLOWERING
SPENCER VARIETIES

	Oz.	¼ lb.	Lb.
Asta Ohn. Identical in color and size of blossom to the late flowering Asta Ohn; a fine lavender.....	\$0.60	\$1.80	\$6.00
Blue Bird. A charming shade of blue.....	.60	1.80	6.00
Bohemian Girl (New). Flowers large; color, a beautiful deep pink.....	.60	1.80	6.00
Cherry Ripe. Cherry or salmon cerise.....	.60	1.80	6.00
Columbia (New). Salmon color standard; white wings.....	.80	2.40	8.00
Enchantress. Bright rose pink, shading deeper toward the edges.....	.60	1.80	6.00
Fire King. Color, fire-red or cerise-scarlet, or it may be described as a deep orange scarlet.....	.60	2.00	7.00
Glitters (Early Royal Scot). Standard bright fiery orange; wings deep orange.....	1.00	3.00	10.00
Heather Bell. Flowers large; color, a rich mauve lavender.....	.60	1.80	6.00
Helen Lewis. A fine shade of orange pink.....	.60	1.80	6.00
Hercules. Flowers extra large and beautifully waved; color, soft rose pink....	.60	1.80	6.00
Illumination. Flowers of large size; color, salmon-cerise, suffused orange.....	.60	2.00	7.00
Lavender King. Rich, true deep lavender throughout; of large size and well waved....	.60	1.80	6.00
Mauve Beauty. Color, a pleasing shade of rosy mauve; flowers large.....	.60	1.80	6.00
Meadow Lark. A rich cream variety; flowers borne in fours and threes.....	.60	1.80	6.00
Melody. Color rose pink on white ground; long stems, well waved blossoms.....	.60	1.80	6.00
Miss Louise Gude. Large flowering; color, shell pink.....	1.00	3.00	10.00
Morning Star. Deep orange scarlet or flame color in standard, orange pink wings.....	.60	1.80	6.00
Mrs. A. A. Skaach. Flowers very large; color, a beautiful clear bright pink.....	.60	1.80	6.00
Mrs. M. Spanolin. Black seeded; pure white; free bloomer.....	.60	1.80	6.00
Mrs. William Sim. Salmon pink.....	.60	1.80	6.00
Othello. Flowers large; color a beautiful maroon.....	.60	1.80	6.00
Pink Beauty. Color, soft rose pink on white ground; richer toward edges.....	.60	1.80	6.00
Pink and White. Similar in color to Christmas Pink, but produces larger flowers on longer stems.....	.60	1.80	6.00

SOLANUM

Trade Pkt. Oz.

Capsicastrum (Jerusalem Cherry). Scarlet berries.....	\$0.15	\$0.50
Cleveland Cherry. A grand acquisition to this class of plants; grows more compact than the above, and produces the scarlet berries in greater profusion....	.50	3.00

STATICE (Everlasting Flower)

Latifolia. Perennial; large, deep blue flowers; valuable for cutting or decoration, either when fresh or in their dried state.....	.25	1.00
---	-----	------

STEVIA

Serrata. Fragrant white flowers.....	.25	1.25
---	-----	------

STOCKS. (See Page 23)

STOKESIA (Cornflower Aster)

One of the most desirable hardy perennial plants for the border and excellent for cutting.

Trade Pkt. Oz.

Cyanea. Lavender blue.....	\$0.25	\$1.50
Cyanea Alba. Pure white.....	.30	1.75

Primrose Beauty. Deep primrose flushed with rose; of large size.....	Oz. \$0.60	¼ lb. \$1.80	Lb. \$6.00
Red Orchid. Bright, cherry red.....	.60	1.80	6.00
Rose Queen. One of the finest varieties. The flowers are borne on long stems, are of large size and free bloomers; usually four flowers are produced on a stem; color a most attractive shade of pink. Greenhouse grown seed.... (¼ oz., \$1.00)	3.00	10.00	35.00
Outdoor grown seed.....	.60	1.80	6.00
Sankey. A black seeded, white variety....	.60	1.80	6.00
Snow Flake. Large and of the best waved Spencer form. The pure white flowers are borne in wonderful profusion on long stems	.60	1.80	6.00
Snowstorm. One of the best early flowering white Sweet Peas to date; immense flowers usually borne in fours.....	.60	2.00	7.00
Song Bird. Pale pink on white ground....	.60	1.80	6.00
Songster. An excellent variety; color, a pleasing lavender shade; flowers large.....	.60	1.80	6.00
Spring Maid. A handsome variety; color, light pink on a cream ground.....	.60	1.80	6.00
True Blue (New). A charming blue self; flowers large and much waved.....	.80	2.40	8.00
Venus. Standard white, slightly blushed pink; wings white; free bloomer.....	.60	1.80	6.00
Warbler. Rich mauve purple.....	.60	1.80	6.00
White Orchid. Pure white.....	.60	1.80	6.00
Yarrowa. Flowers exquisitely waved, of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings.....	.60	1.80	6.00
Zephyr. Pale blue or lavender.....	.60	1.80	6.00
Zvolanek's Rose. Extra large; color, rose pink.....	1.00	3.00	10.00
Mixed, Winter Flowering Spencer.....	.50	1.50	5.00

WINTER FLOWERING GRANDIFLORA
SWEET PEAS

	Oz.	¼ lb.	Lb.
Christmas Pink. Pink and white.....	\$0.20	\$0.60	\$2.00
Christmas White......	.20	.60	2.00
Earliest of All. Pink and white.....	.20	.60	2.00
Lavender Nora. A large flowering variety of the Unwin type.....	.20	.60	2.00
Mont Blanc. Pure white.....	.20	.60	2.00
Mrs. Alex. Wallace. Lavender.....	.20	.60	2.00
Mrs. F. J. Delansky. Daybreak pink.....	.20	.60	2.00
Mixed, Winter Flowering Grandiflora....	.15	.50	1.50

SWEET ROCKET (Hesperis)

Trade Pkt. Oz.

Mixed. Perennial; purple and white.....	\$0.15	\$0.30
--	--------	--------

STRAWFLOWER. See Helichrysum.

SUNFLOWER (Helianthus)

ANNUAL VARIETIES

Chrysanthemum Flowered. Double yellow....	.15	.25
Cucumerifolius (Miniature Sunflower). Single yellow.....	.15	.25
Cut-and-Come-Again. Single yellow.....	.15	.30
Double Globe (Globosus Fistulosus). Rich yellow..	.15	.25
Dwarf Double (Globe of Gold). Deep yellow.....	.15	.25
New Red. Extra large flowers; some are rich chestnut red, others tipped with yellow.....	.15	.40
Oscar Wilde. Single yellow, with black centre....	.15	.25
Russian. Large yellow; single.....	.15	.05
Stella. Single yellow, black centre.....	.15	.25

SUNFLOWER—PERENNIAL VARIETIES

Choice Mixed. Single flowered.....	.30	1.75
---	-----	------

SWEET SULTAN (Centaurea Moschatus)

Mixed. Annual; fragrant flowers, resembling "Bachelor's Buttons".....	.15	.40
--	-----	-----

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Single Sweet William

SWEET WILLIAM (*Dianthus Barbatous*)

	Trade Pkt.	Oz.	1/4 lb.
Auricula Flowered. Single mixed	\$0.15	\$0.60	\$2.25
Single Crimson	.15	.50	1.75
Single Pink Beauty. Salmon pink	.30	1.25	4.50
Single Scarlet Beauty. Rich deep scarlet	.30	1.25	4.50
Single Velvety Maroon	.15	.50	1.75
Single White	.15	.50	1.75
Single Mixed. All colors	.15	.35	1.25
Double Mixed. All colors	.15	.60	2.25

TAGETES

	Trade Pkt.	Oz.
Signata Pumila. A fine bedding plant; flowers golden yellow	\$0.15	\$0.75

THALICTRUM

Dipterocarpum. Flowers rosy purple, with yellow anthers; perennial; fine for cutting	.50	2.50
--	-----	------

THUNBERGIA (Black-Eyed Susan)

Mixed	.15	.75
-------	-----	-----

TORENIA

Fournieri Grandiflora. Blue	.50	3.00
-----------------------------	-----	------

VALERIANA (Garden Heliotrope)

Mixed. Hardy perennial border plant, with large fragrant flowers	.15	.50
--	-----	-----

VERBENA. See next page.



Vinca

VINCA

An excellent bedding plant; seed should be sown early.

	Trade Pkt.	Oz.	1/4 lb.
Alba. White, with rose centre	\$0.20	\$1.00	\$3.50
Alba Pura. Pure white	.20	1.00	3.50
Rosea. Pink	.20	1.00	3.50
Mixed	.15	.75	2.50

VIOLA CORNUTA (Tufted Pansies)

	Trade Pkt.	Oz.
Admiration. Dark blue	\$0.40	\$2.25
Mauve Queen. Lovely mauve color	.40	2.25
Perfection. Light blue	.40	2.50
White Perfection. Pure white	.40	2.50
Mixed. All colors	.30	1.75

VIOLA (Scotch Bedding Pansies)

Produces larger flowers than the Cornuta varieties.

Golden Gem. Yellow	.40	2.25
Lutea Splendens. Yellow	.40	2.25
Snowflake. Pure white	.40	2.25
Mixed. From best-named Scotch varieties	.50	3.00

VIOLET (*Viola Odorata*)

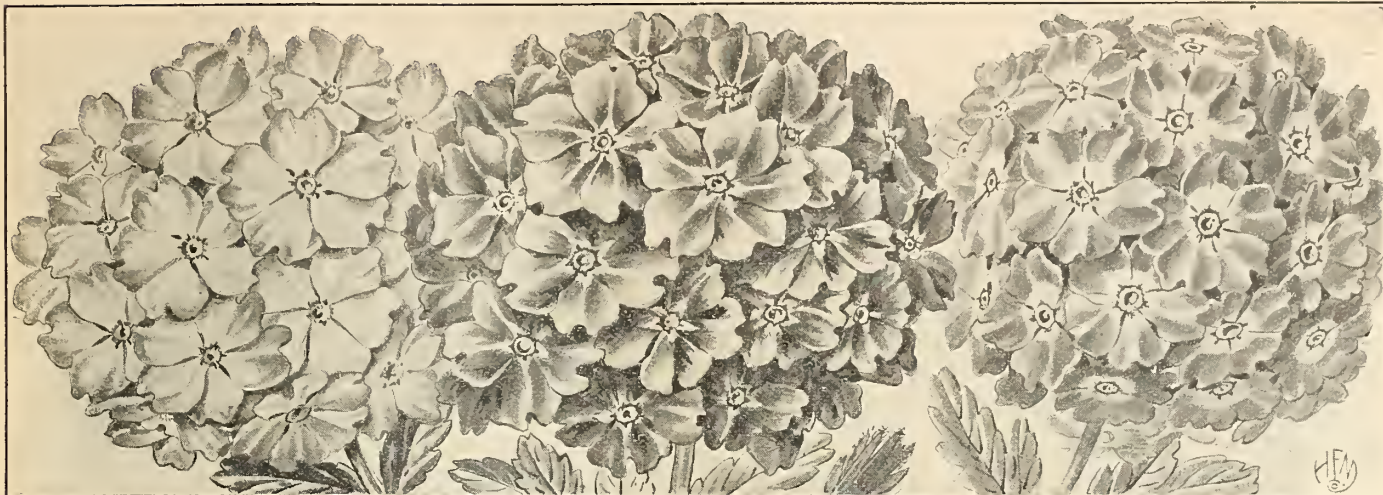
Single Blue Czar	.50	4.00
------------------	-----	------

WALL FLOWER

Double Brown	(1/4 oz., \$1.50)	.40
" Yellow	(1/4 oz., \$1.50)	.40
" Mixed		.40
Paris Extra Early. Single flowering; blooms the first year from seed; excellent for forcing.		
Paris Extra Early Blood Red	.15	.50
" " Yellow	.15	.50
" " Mixed	.15	.40
Single Mixed	.15	.25

XERANTHEMUM (Everlasting Flower)

Double Mixed. Annual, for winter bouquets	.15	.50
---	-----	-----



Michell's Mammoth Fancy Verbenas

MICHELL'S VERBENAS

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free flowering qualities, large size and purity of colors.

	Trade Pkt.	Oz.
Michell's Mammoth Fancy Blue.....	\$0.30	\$1.50
" " " Pink.....	.30	1.50
" " " Scarlet.....	.30	1.50
" " " Striped.....	.30	1.50
" " " White.....	.30	1.50
" " " Yellow.....	.30	1.50
" " " Mixed. (1/4 lb., \$4.50).....	.30	1.25
Mammoth Lucifer. Large cardinal red flowers...	.40	2.00
New Giant Flowered Mixed. A new variety of large size with extra large, white eyes.... (1/4 lb., \$7.25)	.50	2.00
Mammoth Choice Mixed..... (1/4 lb., \$3.50)	.25	1.00
Fine Mixed..... (1/4 lb., \$2.75)	.20	.75
Lemon Scented (<i>Aloysia Citriodora</i>).....	.40	3.00

VERONICA (Speedwell)

A showy, hardy perennial border plant of easy culture; fine for bouquets.

	Trade Pkt.	Oz.
Spicata. Blue.....	\$0.25	\$1.50



Zinnia, Giant Robusta

MICHELL'S "DISTINCTIVE" ZINNIAS

We claim perfection in form, size and color for our strain of Zinnias, as those who grow them will attest.

GIANT DAHLIA FLOWERED ZINNIAS

Flowers are distinct from the ordinary Giant Flowered Class, being of a true Dahlia flowering type. Flowers extra large; excellent for growing under glass for cutting. See illustration, page 6.

	Trade Pkt.	Oz.	1/4 lb.
Crimson Giant.....	\$0.50		
Dream. Deep lavender, turning to purple..	.50		
Exquisite. Light rose, centre deep rose....	.50		
Golden State. Orange yellow.....	.50		
Old Rose.....	.50		
Oriole. Orange and gold.....	.50		
Polar Bear. Pure white.....	.50		
Scarlet Flame. Bright scarlet with blending of orange.....	.50		
Mixed Colors.....	.40	\$2.00	\$7.50

ROBUSTA OR GIANT ZINNIAS

	Trade Pkt.	Oz.	1/4 lb.
Buttercup. Deep yellow.....	.30	1.50	5.50
Crimson.....	.30	1.00	3.50
Flesh Color.....	.30	1.00	3.50
Golden Yellow.....	.30	1.00	3.50
Purple.....	.30	1.00	3.50
Rose King.....	.30	1.50	5.50
Salmon.....	.30	1.00	3.50
Scarlet.....	.30	1.00	3.50
Shrimp Pink.....	.30	1.50	5.50
Sulphur Yellow.....	.30	1.00	3.50
Violet.....	.30	1.00	3.50
White.....	.30	1.00	3.50
Choice Mixed.....	.20	.75	2.75

DWARF DOUBLE ZINNIAS

	Trade Pkt.	Oz.	1/4 lb.
Crimson.....	\$0.15	\$0.50	\$1.75
Pink.....	.15	.50	1.75
Salmon Rose.....	.15	.50	1.75
Scarlet.....	.15	.50	1.75
White.....	.15	.50	1.75
Yellow.....	.15	.50	1.75
Mixed.....	.15	.40	1.50

VARIOUS ZINNIAS

Giant Picotee, Golden Pheasant. A new and distinct variety; desirable for bedding or cutting; color, gold ground, each petal tipped with maroon.....	.50	2.50	9.00
Giant Picotee, La France. Soft pink....	.50	2.50	9.00
Giant Picotee. Mixed colors.....	.40	2.00	7.50
Liliput. Dwarf; mixed colors.....	.30	1.00	
Mexicana Perfection. Double mixed.....	.30	1.00	
Red Riding Hood. Miniature flowers, perfectly double; color, bright scarlet.....	.15	.75	
Tall Double Mixed. All colors.....	.15	.35	1.25

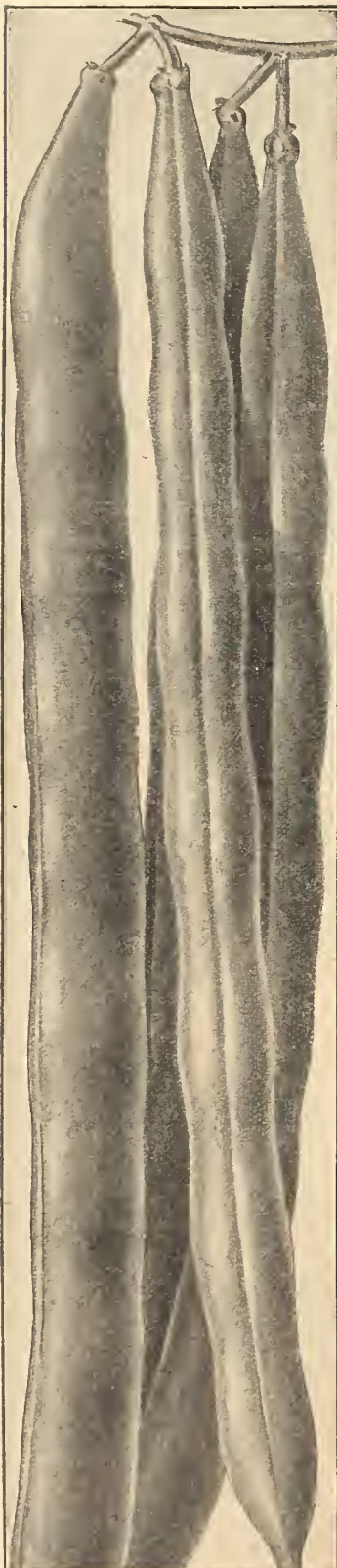
MIXED OR WILD FLOWER GARDEN SEED

A mixture containing a large number of varieties of easy growing and interesting flowers. Lb., \$1.25; 15c. per oz.

MICHELL'S VEGETABLE SEED SPECIALTIES

FOR MARKET GARDENERS

In line with our usual custom, we have taken from our general list certain specially meritorious varieties of vegetable seeds, to which we call, on this and the 3 succeeding pages, special attention. Planters will do well to include these sorts in their seed order.



Bean, Masterpiece

BEAN

Dwarf Green Pod Masterpiece

This is a large flat podded variety especially suited for growing under glass, though it may be planted successfully out of doors; a very quick grower; plants robust and very prolific; the pods are long and very tender. 50c. per lb.; 2 lbs., 90c.; \$2.00 per 5 lbs.; 10 lbs., \$3.75.

BEAN

NEW BUSH LIMA WILSON'S IMPROVED

Claimed to be 2 weeks earlier than Burpee's Improved Bush Lima, surely a most important feature in any lima bean, because it is from the early maturing garden products, money, or at least the most of it, is made. It is also much more prolific than the Burpee's Improved, though the pod or the bean is not quite so large, the latter we believe to be rather an advantage. It is our belief that when this variety is properly known it will meet with general favor. 30c. per lb.; 2 lbs., 55c.; \$1.25 for 5 lbs.; 10 lbs., \$2.35; \$5.50 for 25 lbs.; 100 lbs., \$20.00.



Bean, Wilson's Improved Bush Lima

BEET

DETROIT DARK RED (Michell's Special Strain)

A selected strain grown for us by a very careful grower. An early, globe-shaped variety; good size, smooth and handsome and of a dark blood red color; the flesh is deep vermillion red, zoned with a lighter shade of the same color; of excellent quality, and a desirable sort for canning. Suitable for fall use as well as for spring. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.; 5 lbs., \$6.75; \$12.50 per 10 lbs.

BEET

Michell's "Winter Keeper"

This grand new beet is almost globe shaped, tapering slightly toward the root. The dark blood red flesh is always tender. The hard, stringy substance, so common in many varieties, is entirely absent in this sort. It is ideal as a late summer cropper, or for use during winter and spring, until new beets are on the market again. 25c. per oz.; $\frac{1}{4}$ lb., 70c.; \$2.50 per lb.; 5 lbs. \$9.00; \$16.00 per 10 lbs.

All seeds on this page mailed postpaid at quoted prices, excepting Beans; if these are desired by mail, please allow for postage.



CELERY, "EASY BLANCHING"

29

PRIVATE STOCK, PENNA. GROWN SEED



CELERY "Easy Blanching"

PRIVATE STOCK, PENNA. GROWN
The best for Market Gardeners

This is a very much improved type of Easy Blanching Celery, being superior in every way. The flavor is delicious; the stalk very large and fine grained; the color all that can be desired. Plants set out in June are fully matured and ready for market in the early part of September, making it a most profitable sort for the market gardener. The illustration to the right shows a plant just as it grows, thus ensuring a large, full heart yet with plenty of edible outside stalks; while the illustration to the left shows a trimmed plant ready for bunching. Unquestionably this is the best celery in the market. Our stock of this is grown by one of the leading market gardeners of Luzerne County, who has made a specialty of celery for many years and is carefully selected for type and quality. Every grower of celery should include this in his list. 60c., per $\frac{1}{2}$ oz.; oz., \$1.10; \$4.00 per $\frac{1}{4}$ lb.; lb., \$15.00. (Postpaid.)

ALL PRICES SUBJECT TO MARKET CHANGES

(ow)

MICHELL'S VEGETABLE SEED SPECIALTIES

FOR MARKET GARDENERS



Michell's White Bermuda Onion

ONION, Michell's White Bermuda

Many people who garden like to sow onion seed that will produce a full-sized onion the first season. The White Bermuda variety combines this feature, in addition to being extremely large, mild-flavored and of a wonderful uniformity. For boiling, eating raw on sandwiches, or as garnishing on green salads, it is unquestionably good. Seed should be sown in a bed thinly. When 3 or 4 inches high, transplant the seedlings in rows about 1½ feet apart and about 4 or 5 inches apart in the row. A dull day is best for this, when the soil is moist, to insure the seedlings establishing themselves readily. Prior to planting the top should be nipped off, so that the plants will stand about 2½ inches high. This variety, like all onions, delights in rich soil. They should be well cultivated during the growing period, and when the seed heads appear the plant should be bent over to develop the bulb. 30c. per oz.; ¼ lb., \$1.00; \$3.50 per lb.; 5 lbs., \$16.25.

PEA, EXTRA EARLY EIGHT WEEKS

This is one of the earliest dwarf Peas in cultivation. They usually grow to a height of from 12 to 15 inches; on account of their dwarf habit they can be planted closer than most other varieties, yielding a greater quantity of peas from a comparatively small space of ground than from almost any other variety. The pods are of medium size and well filled with peas of extra fine quality. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.25; \$5.25 per 25 lbs.; 100 lbs., \$19.00.

PEA, LAXTONIAN

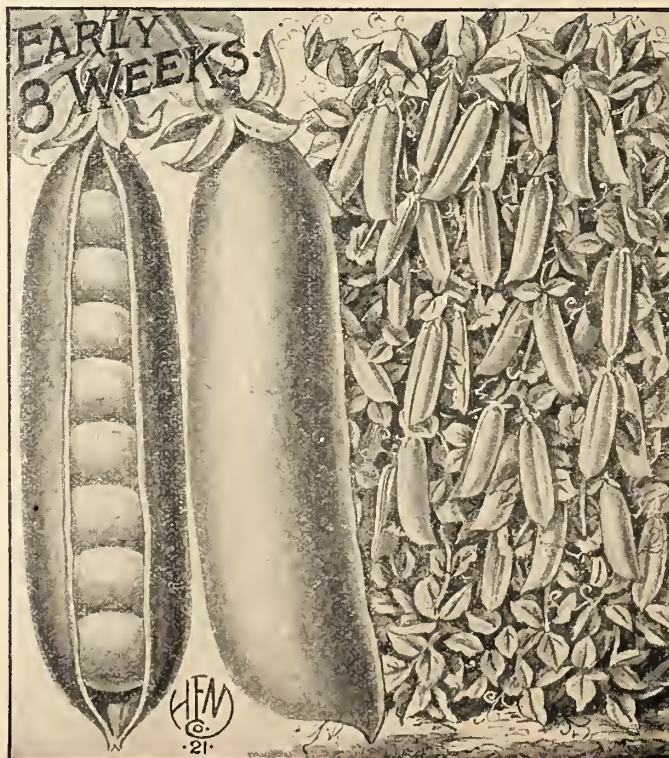
A grand early dwarf Pea. The pods are large and produced on sturdy vines about 18 inches high; the pods are well filled with large, luscious peas. It is ready for use about a week later than the very early sorts, and is incomparably good in quality. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.25; \$5.00 per 25 lbs.; 100 lbs., \$17.50.

All Seeds on this page mailed postpaid at quoted prices excepting Peas; if these are desired by mail, please allow for postage.



PEPPER, EARLY NEAPOLITAN

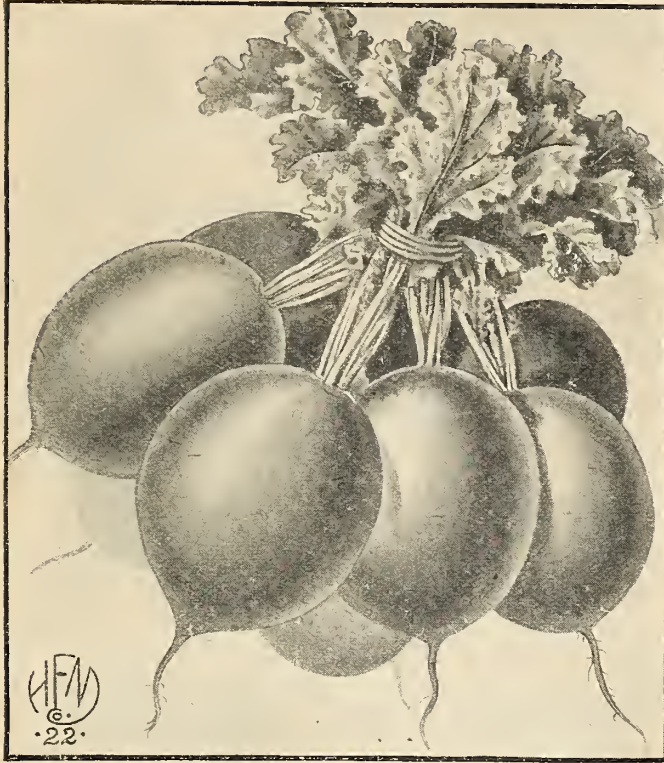
The earliest and sweetest of all large fruited varieties. The strong vigorous plants are completely laden with long handsome fruits and bear continuously until frost. The peppers grow upright until they become so heavy that their own weight turns them down. The skin and flesh are bright red when ripe, thick meaty, sweet and mild. For market gardeners and pickling establishments it is of great value. 25c. per oz.; ¼ lbs., 90c.; \$3.25 per lb.



MICHELL'S VEGETABLE SEED SPECIALTIES

FOR MARKET GARDENERS

31



Radish, Scarlet Globe (Special Forcing)

RADISH, Early Scarlet Globe (Special Forcing)

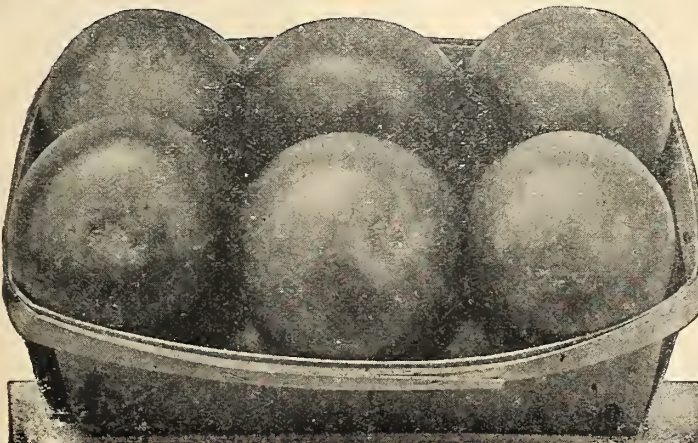
This is the most popular variety on the market, for hot-bed or greenhouse forcing; also valuable for out-door planting. Very early, crisp, mild and tender; very attractive and one of the best sellers. Color, rich, bright scarlet; of uniform globe shape; stands heat without becoming pithy; matures in 25 days; top is small yet sufficiently large for bunching properly. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$6.00; \$11.00 per 10 lbs.

Testimonial

Dorothy, N. J.

Regarding the New Early Red Wonder Tomato, I have never grown a tomato of more uniform size and sterling quality, either in the field or under glass. The fruit are the largest I have ever forced.

H. K. LEWIS.



Tomato, Michell's Early Red Wonder



Spinach, Market Gardeners

NEW SPINACH

Market Gardeners

This new variety is the highest perfection of the Spinach family, being a decided improvement on all other kinds. The leaves are broad, heavy and of a dark green, glossy color, very heavily blistered compared to Long Season; it will also stand at least a week or ten days longer without shooting to seed, which is an important factor. The plant is not of the rosette type, standing more erect, and requiring a less number of plants to fill a basket than any other variety. A trial will convince you of the tenderness and superior quality of this variety. 75c. per lb.; 5 lbs., \$3.25; \$6.00 per 10 lbs.; 25 lbs., \$13.75; \$25.00 per 50 lbs.; 100 lbs., \$45.00.

TOMATO

MICHELL'S EARLY RED WONDER

Extremely Solid.

Beautiful Color.

Uniform in Shape.

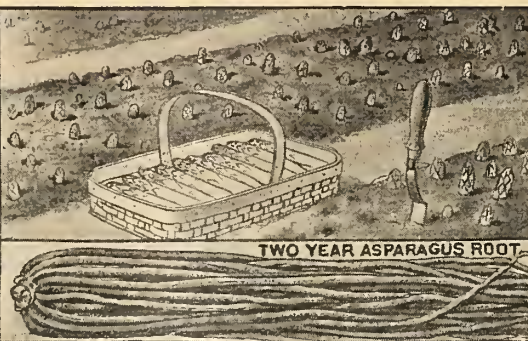
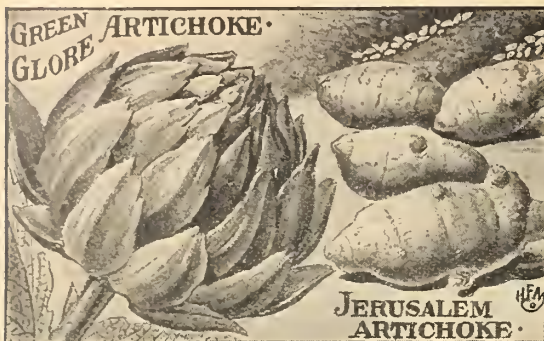
A Sure Winner.

This variety is the result of a cross between "My Maryland" and "Magnificent," having originated with Mr. W. E. Vail, of Yorktown Heights, Westchester Co., N. Y. He has been watching it for a number of years, and finally thinking so well of it he asked us if we would not place it on the market, with the right to name it, which we have done, and we believe the name does it justice. The fruits are fairly large, extremely solid and of a beautiful "tomato red" color. It is a shy seeder, therefore very solid. It is a wonderful market variety, being uniform in shape and in fact it possesses about every good attribute that a tomato can have. It is medium early (not extra early) but a winner and we know you will like it. It is a tomato we believe can be successfully grown anywhere that tomatoes will grow. Since we have offered this new variety to our customers we have received numerous testimonials of the good results obtained from this variety. 25c. per $\frac{1}{2}$ oz.; oz., 40c.; \$1.35 per $\frac{1}{4}$ lb.; lb., \$5.00.

All Seeds on this page mailed postpaid at quoted prices.

ALL PRICES SUBJECT TO MARKET CHANGES

(ow)



Seeds only on this page mailed postpaid at prices quoted.

ANISE (Herb)

15c. per oz.; ¼ lb., 50c.; \$1.75 per lb.

ARTICHOKE

Artichaut (Fr.); Artischoke (Ger.); Articiocca (Ital.). One ounce will produce about 500 plants.

Sow seeds in January in the greenhouse or in hotbeds in March. Transplant to the open ground in May in rows 3 feet apart, 2 feet apart in the row. Seed may also be sown outdoors in May and transplanted in June. Cultivate when growing, freely, and protect the plants in winter by putting them in a cellar or cold frame; or they may be left outdoors protected by straw.

Green Globe. 30c. per ½ oz.; oz., 50c.; \$1.75 per ¼ lb.; ½ lb., \$3.35; \$6.50 per lb.

ARTICHOKE PLANTS (Ready in April)

Green Globe. We grow a large stock of these, for those who do not care to bother with them from seed; thus assuring an early crop. Pot grown. \$1.25 per doz.; per 100, \$8.00.

ARTICHOKE ROOTS (Ready in April)

Jerusalem. Sometimes called the American Artichoke. Used for table and stock feeding. Cut the tubers to single eyes and plant them like potatoes 3 to 4 feet apart each way, placing three or four tubers in a hill. Leave the tubers in the ground and dig them as wanted; they are hardy. 25c. per qt.; peck, \$1.25; \$4.00 per bu. of 60 lbs.

ASPARAGUS

Asperge (Fr.); Spargel (Ger.); Sparagio (Ital.). Sow 5 lbs. per acre for roots, or 1 oz. to 100 ft.

Asparagus grows easily in almost any good soil; best results are obtained in well-enriched, deeply-dug, sandy loam. A well-cared for bed improves with age and lasts for many years. It may be established from seed, but much time is saved by planting roots. Seed should be sown thinly in early spring in rows 1 foot apart. Thin out the weakest plants so the remainder will be 4 inches apart. When 1 year old transplant in the permanent bed in rows 3 ft. apart, setting the roots 1 ft. to 1½ ft. apart, from where they can be cut three years later.

Mitchell's Giant Argenteuil (Special Strain). We find this variety excels both from a point of productiveness, tenderness, earliness and resistance to diseases. A marketable shoot or spear is often two inches in diameter and 12 inches long, of which every part when boiled is tender and delicious. Color, pure white with a greenish purple tip. 10c. per oz.; ¼ lb., 25c.; 40c. per ½ lb.; lb., 75c.; \$3.25 per 5 lbs.

Barr's Mammoth. A variety producing heavy, stout spears, of delicious flavor. Remains green when cooked. A very popular sort. 10c. per oz.; ¼ lb., 25c.; 40c. per ½ lb.; lb., 75c.; \$3.25 per 5 lbs.

Conover's Colossal. A prolific sort, similar to Barr's Mammoth, but the stalks are a trifle larger and lighter in color. 10c. per oz.; ¼ lb., 25c.; 40c. per ½ lb.; lb., 75c.; \$3.25 per 5 lbs.

Palmetto or Eclipse. One of the earliest; produces uniform stalks; prolific. Color, green. 10c. per oz.; ¼ lb., 25c.; 40c. per ½ lb.; lb., 75c.; \$3.25 per 5 lbs.

ASPARAGUS ROOTS

(Ready after March 1st)

4000 to 6000 roots required for an acre

We make a specialty of Asparagus Roots, having them grown for us in large quantities. Special prices can be quoted in large lots.

2 Year Old Roots

Barr's Mammoth.....	100	1000
Conover's Colossal.....	1.25	\$10.00
Giant Argenteuil.....	1.25	10.00
Palmetto or Eclipse.....	1.25	10.00
Washington (New).....	2.50	20.00

3 Year Old Roots

Barr's Mammoth.....	100	1000
Conover's Colossal.....	1.50	\$12.50
Giant Argenteuil.....	1.50	12.50
Palmetto or Eclipse.....	1.50	12.50

ACCESSORIES TO ASPARAGUS GROWING.

Asparagus Tape. Fast cherry-red color; waterproof; in 1000 yard spools. \$4.00.

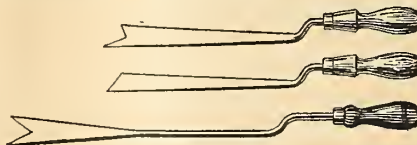
Raffia. Ideal for tying asparagus in bunches.

Natural color, 20c. per lb.; 5 lbs., 90c.

Green, 85c. per lb.; 5 lbs. for \$4.00.

Raffia Tape. A linen and paper composition in 250-yard spools; Nile green color. 90c. per bolt; 6 bolts, \$5.00.

Jute Twines. For tying asparagus, 2 and 3 ply; in balls, soft and pliable. Price upon application.

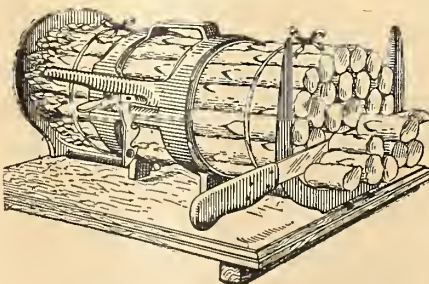


ASPARAGUS KNIVES

Fig. 110, No. 1 (top illus.).....\$0.50

Fig. 110, No. 3 (center illus.)..... .50

Fig. 110, No. 3L (lower illus.)..... .50



ASPARAGUS BUNCHER

It pays to use a buncher. Asparagus is quickly tied and looks uniform. With Knife Guard, \$3.50. P. P. Wt., 7 lbs.

BASIL, Sweet (Herb)

15c. per ½ oz.; oz., 25c.; 85c. per ¼ lb.; lb., \$3.00.



MICHELL'S
GIANT
ARGENTEUIL.



MICHELL'S DWARF BEANS

33

Haricots Nains (Fr.); Buschbohnen (Ger.); Fagioli Nani (Ital.).
Plant 90 lbs. per acre. 2 lbs. will plant 100-ft. row. If desired by mail, allow for postage.

GREEN POD VARIETIES

Black Valentine. Pods very long and slender, semi-round and well flavored, slight string when old. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 100 lbs., \$18.00.

Bountiful. A fine early flat-podded sort; stringless, tender and a prolific bearer. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 100 lbs., \$18.00.

Early Mohawk. This variety can be planted before any other sort, being quite hardy; large crop-per; flat pod. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.25 per 25 lbs.; 100 lbs., \$16.00.

Extra Early Refugee. An extremely early fleshy, saddle-back-pod variety. 30c. per lb.; 2 lbs., 50c.; \$1.20 per 5 lbs.; 10 lbs., \$2.20; \$5.25 per 25 lbs.; 100 lbs., \$17.50.

Full Measure. A prolific stringless variety, of excellent quality. Pods long, round, firm and tender. 30c. per lb.; 2 lbs., 50c.; \$1.20 per 5 lbs.; 10 lbs., \$2.20; \$5.25 per 25 lbs.; 100 lbs., \$18.00.

Mammoth Stringless. An improvement on Burpee's Stringless Green Pod; early, round pod, free from string and, while not so prolific, makes a much larger pod. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 for 25 lbs.; 100 lbs., \$18.00.

Masterpiece. A large flat podded variety especially suited for growing under glass, though it may be planted successfully out of doors; pods are long and it is very prolific. 50c. per lb.; 2 lbs., 90c.; \$2.00 per 5 lbs.; 10 lbs., \$3.75.

Red Valentine (Michell's Improved). A carefully selected stock of this well-known variety; it is one of the earliest sorts, maturing often in 45 to 50 days. 25c. per lb.; 2 lbs., 45c.; per 5 lbs., \$1.05; 10 lbs., \$2.00; \$4.25 per 25 lbs.; 100 lbs., \$16.00.

Stringless Green Pod (Michell's Improved Strain). When the pod has become quite old, it still retains its stringless qualities. Its extreme earliness, prolific and continuous bearing qualities and superior flavor are remarkable. Can be planted successfully through the season. The leading sort for market garden. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 100 lbs., \$18.00.

Stringless Forcer. For culture under glass or for outdoor planting; the pods are long, slender, and round in shape; it grows dwarf and compact, and is a heavy yielder. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.75 per 25 lbs.; 100 lbs., \$18.00.

Triumph of the Frames. For forcing under glass, or for outdoor planting; very early; plants dwarf, compact and produce a mass of long, pale green pods of excellent quality. 50c. per lb.; 2 lbs., 90c.; \$2.00 per 5 lbs.

WAX OR YELLOW PODDED VARIETIES

These should not be planted quite as early as the green varieties. They being more tender are liable to rot.

Black Wax (Pencil Pod Strain). A round podded, hardy sort; entirely stringless; very early and desirable. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.50 per 25 lbs.; 100 lbs., \$16.50.

Currie's Rust Proof Wax. An improved type; extra early; a tremendous yielder, with long, thick, flat pods. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.50 per 25 lbs.; 100 lbs., \$17.00.

Refugee Wax. Round podded; of upright growth, quite stringless and of splendid quality. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.50 per 25 lbs.; 100 lbs., \$16.50.

Golden Wax Rust Proof (Michell's Improved Strain).

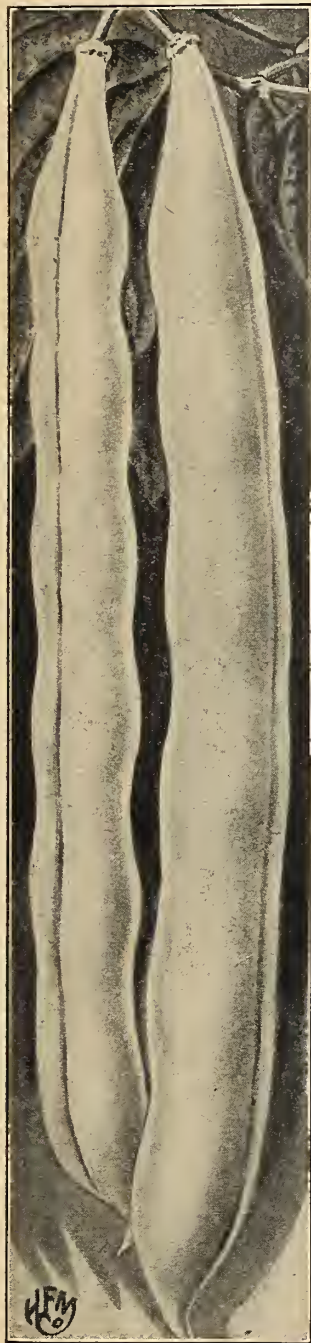
This type far surpasses the old strain in many points; the plants are very vigorous and thereby rust-resisting. The thick, flat, stringless pods are formed quite early and in great profusion. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.50 per 25 lbs.; 100 lbs., \$17.00.

Round Podded Kidney Wax. A vigorous grower, producing very fleshy pods; entirely stringless and rust-proof; very early. 30c. per lb.; 2 lbs., 50c.; \$1.20 per 5 lbs.; 10 lbs., \$2.20; \$5.25 per 25 lbs.; 100 lbs., \$17.50.

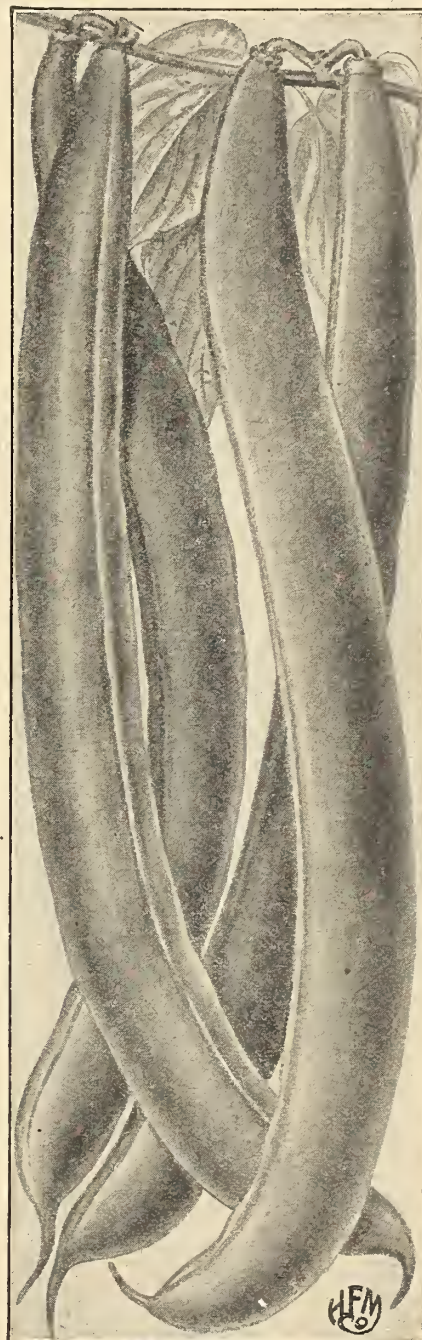
Sure Crop Stringless Wax. Very early, and remarkably productive; very hardy and free from disease; long, thick, flat pod; a splendid variety. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.50 per 25 lbs.; 100 lbs., \$16.50.

Wardwell's Kidney Wax. A favorite market bean; bears very long, thick, flat pods in great abundance; one of the best medium early sorts; excellent quality; free from rust; a reliable cropper. 30c. per lb.; 2 lbs., 50c.; \$1.20 per 5 lbs.; 10 lbs., \$2.20; \$5.25 per 25 lbs.; 100 lbs., \$20.00.

INOCULATING BACTERIA FOR GARDEN BEANS. A high grade nitrogen bacteria used in growing garden beans; produces wonderful results. Farmogerm, Mulford Germ, Standard Bacteria. See page 92.



Improved Strain Golden Wax



Black Valentine

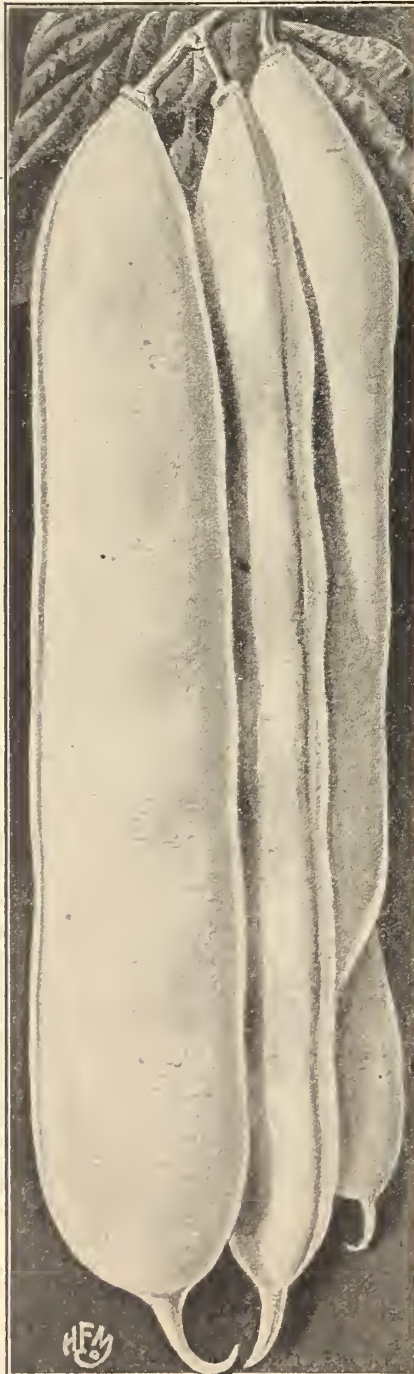
34 MICHELL'S DESIRABLE POLE BEANS (Not Limas)

Haricots a rames (Fr.); Stangenbohnen (Ger.); Fagioli (Ital.).

(If beans are wanted by parcel post allow for mailing charges.)

Plant as you would limas, in hills 4 feet apart each way, about 4 to 5 beans to the hill, eyes downward, when all danger of frost or cold nights is over. Don't be afraid to put a liberal number in a hill, as this is cheaper than replanting. When up and established, thin out to 3 plants in a hill. One pound of seed will plant 150 to 200 hills, about 20 pounds to the acre.

Pole Beans are not accorded in the north the same attention they deserve and receive in the southern part of the United States, where they are found in practically every market garden. They are frequently more tender and yield larger crops than the dwarf sorts. One planting lasts usually for the season. The secret of success in growing them is to keep picking them as they mature. They continue to bear and yield quantities of tender beans of delicious flavor.



Golden Cluster Wax

Early Golden Cluster Wax. A beautiful deep yellow pod, flat and frequently 8 inches long; makes a delicious dish as a butter bean or for pickling quite stringless and matures in about 85 days. It is a heavy yielder, the pods being borne in large clusters. Quite easily the best of the pole beans and a splendid variety for the market garden. 35c. per lb.; 2 lbs., 65c.; \$1.50 per 5 lbs.; 10 lbs., \$2.75; \$6.50 per 25 lbs.; 100 lbs., \$24.00.

Scarlet Runner (Green Pod). While used principally for its flowering qualities, this makes a splendid winter shell bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellises, fences, posts, etc. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.35; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

Kentucky Wonder (Old Homestead). Green pod. In the south this variety is grown more extensively probably than any other; a tremendous yielder of long pods, very tender and practically stringless. It is round-podded and really the best of the green pole beans. It is quite early, being ready for picking about 85 days from planting. 30c. per lb.; 2 lbs., 50c.; \$1.20 per 5 lbs.; 10 lbs., \$2.20; \$5.25 per 25 lbs.; 100 lbs., \$17.50.

DWARF VARIETIES OF SHELL BEANS FOR WINTER USE

If there is any vacant space in the truck patch it will pay to plant some of these varieties. For soups, baked beans, etc., they are always useful. They can be used in the green state like other sorts when picked very young, but for the first-named purpose they are best.

Boston Navy or Pea. For soup and baking purposes. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.25 per 25 lbs.; 100 lbs., \$16.00.

Broad Windsor. An English bean used in the dry state, shelled. Plant in rows about 3 feet apart, about 8 inches apart in the row. 35c. lb.; 2 lbs., 65c.; \$1.50 per 5 lbs.; 10 lbs., \$2.80; \$6.50 per 25 lbs.; 100 lbs., \$24.00.

Dwarf Horticultural. One of the best early shell beans grown; the thick, flat, stringless pods are colored red and green; the bean is large, round and speckled. 30c. per lb.; 2 lbs., 50c.; \$1.20 per 5 lbs.; 10 lbs., \$2.20; \$5.25 per 25 lbs.; 100 lbs., \$20.00.

White Marrowfat. 25c. per lb.; 2 lbs., 45c.; \$1.05 per 5 lbs.; 10 lbs., \$2.00; \$4.50 per 25 lbs.; 100 lbs., \$16.00.

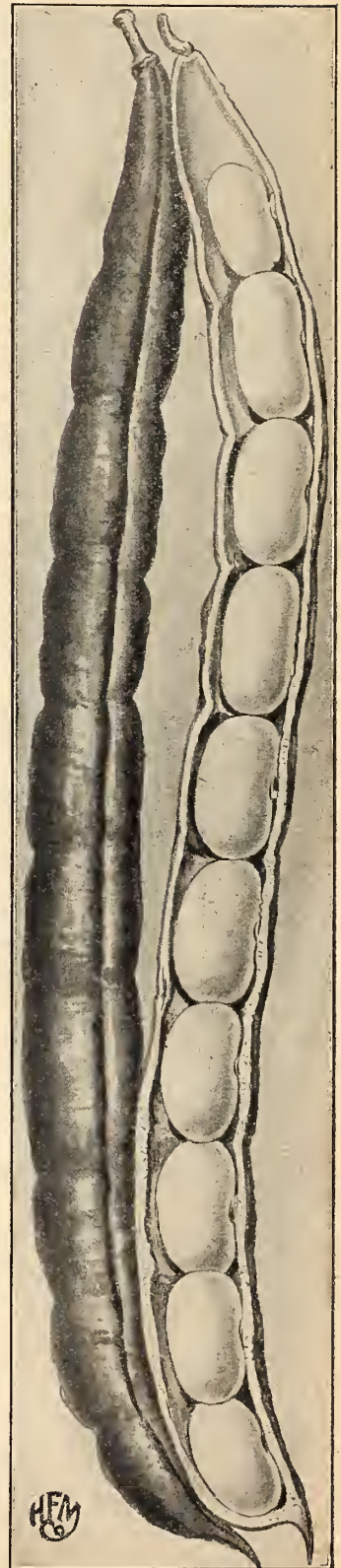
CEDAR BEAN POLES (Pointed)

Extra selected quality, about 10 feet long. \$2.00 per doz.; per 25, \$3.75; \$7.00 for 50; 100 for \$12.00.

INOCULATING BACTERIA (For Garden Beans).

Contains pure tested strains of active, vigorous nitrogen fixing bacteria, for inoculating seeds of legumes, to which family of plants beans belong; produces wonderful results; increases the yield and also the fertility of the soil in which they are planted.

	Garden size (1/4 acre)	Acre size
Farmogerm.....	\$0.50	\$1.00
Mulford Germ.....	.75	1.50
Standard Bacteria.....	.50	.75



Kentucky Wonder

See pages 28 to 31
for Vegetable Seed
Specialties.

MICHELL'S LIMA BEANS

35

Haricots a rames (Fr.); Stangenbohnen (Ger.); Fagiuolo di Lima (Ital.).

POLE VARIETIES

Two pounds will plant 100 hills; 25 to 30 lbs. per acre.
If desired by mail, allow for postage.

Plant when all danger of frost or cold nights is over with the eye of the bean down. Don't be afraid to put a liberal number in a hill, as this is cheaper than re-planting. When up and established, thin out to 3 or 4 plants in a hill. The poles should be set as soon as the garden is made in rows about 3 feet apart, with the poles about 3 feet apart in the row. It is a good plan to put a small shovelful of well-rotted cow manure in each hill when the poles are set, so the beans when started will make rapid growth and mature early.

Carpenteria. A variety that retains its green color in all stages of growth, and after being dried; with this it combines wonderful prolificness, flavor and size; a good early variety; 4 to 5 beans in a pod. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.35; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

Dreer's Improved Potato or Challenger. Early and more prolific than the Large Lima; beans small and of extra quality. 30c. lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.35; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

Giant Podded. This variety is fully a week earlier than King of the Garden. It is a prodigious cropper, producing its pods in large clusters; these are well filled with large beans of excellent quality. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.35; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

King of the Garden. Vigorous grower, producing a continuous bloom and crop to the extreme end of season. Pods are of enormous size, many specimens measuring from 5 to 8 inches, and producing as high as six beans to the pod, perfectly formed and of superior quality. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.35; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

Mitchell's Evergreen. This remarkable pole lima equals the earliest for earliness, is far more productive than any other, and retains at all times a beautiful green color. Pods contain on the average 5 to 6 beans. The pods hang in clusters, 6 to 8 in a bunch, which makes them very easy to gather. All who grow limas should have this valuable variety in the market garden. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.35; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

BUSH OR DWARF VARIETIES

Bush Limas should be planted for early crops, as they come into bearing much sooner; however they are not so prolific as the pole varieties. They are usually planted in rows about 3 feet apart, while the beans are put in hills about 2 feet apart, about 3 beans to the hill.

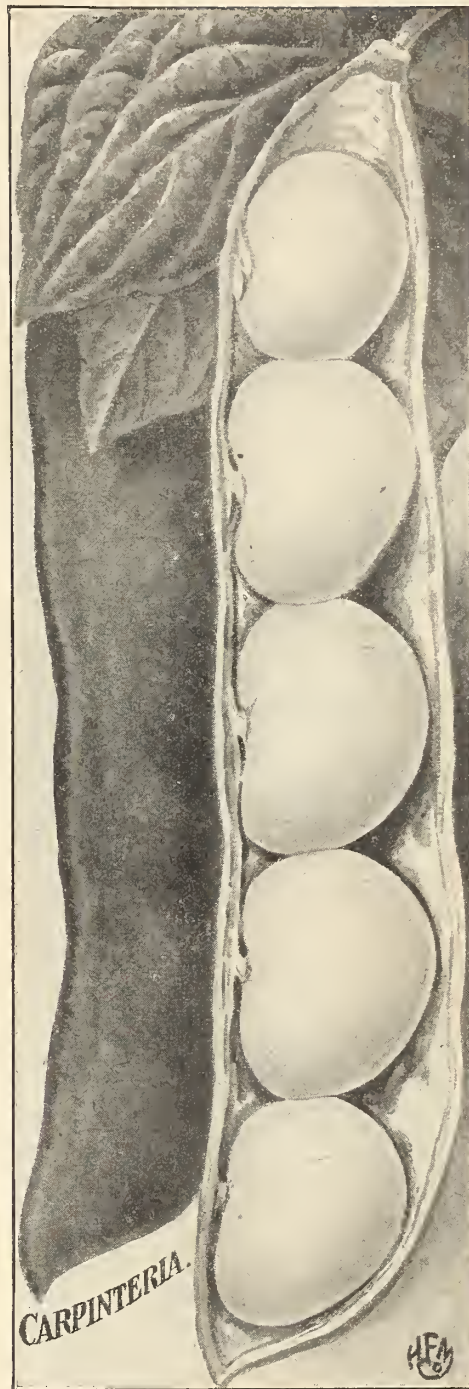
Burpee's Improved Bush Lima. This is a great improvement over the old strain of Burpee's Bush Lima; the bean is thicker, sweeter, earlier and more prolific. 30c. per lb.; 2 lbs., 55c.; 5 lbs., \$1.25; 10 lbs., \$2.35; 25 lbs., \$5.50; 100 lbs., \$20.00.

Fordhook. One of the best types of bush limas in cultivation; it has a distinct upright vigorous growth; the pods which are borne in clusters well above the ground, frequently contain as many as 4 thick, luscious beans. It matures very early and continues in bearing till frost. 30c. per lb.; 2 lbs., 55c.; 5 lbs., \$1.25; 10 lbs., \$2.35; 25 lbs., \$5.50; 100 lbs., \$20.00.

Henderson's. The earliest sort; beans are flat, very small, tender and of excellent flavor; a splendid variety for canning. 30c. per lb.; 2 lbs., 50c.; \$1.20 per 5 lbs.; 10 lbs., \$2.20; \$5.25 per 25 lbs.; 100 lbs., \$17.50.



Fordhook Bush Lima



WILSON'S IMPROVED (New)

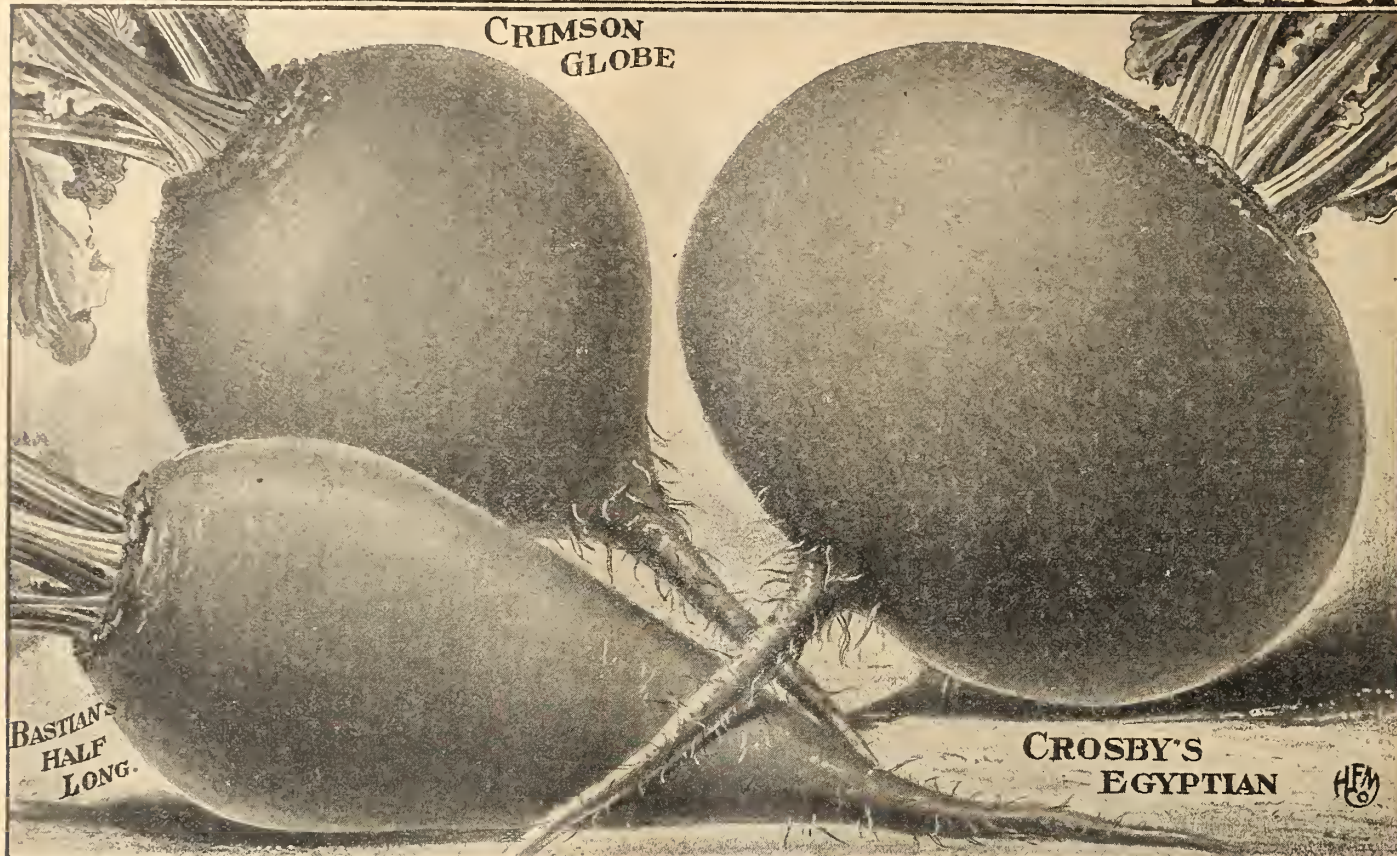
Claimed to be 2 weeks earlier than Burpees' Improved Bush Lima; also much more prolific. For full description and illustration, see page 28. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.35; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

INOCULATING BACTERIA

If you want your lima bean patch to yield earlier, better and more beans than usual, inoculate the seed before planting with Bacteria; easy to use; effective in results, making the soil richer.

When ordering, be sure and specify wanted for limas bean, as each leguminous crop requires a separate culture.

	Garden size (1/4 acre)	Acre size
Farmogerm.....	\$0.50	\$1.00
Mulford Germ.....	.75	1.50
Standard Bacteria.....	.50	.75



Betterave (Fr.); Salatrube (Ger.); Barbabietola (Ital.).
One ounce will sow a row about 50 ft. long; 5 lbs. are required to sow an acre.

Prices of all seeds on this page include mailing charges.

Sow in drills one foot apart and one inch deep, as early as the ground can be worked; when the plants are large enough thin out.
Arlington Favorite. Extra early; exceedingly sweet; rich, blood red; turnip-shaped. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50; \$8.00 per 10 lbs.

Bastian's Extra Early. The best beet for market and family use; grows quite large; turnip-shaped. 10c. per oz.; $\frac{1}{4}$ lb., 20c.; 60c. per lb.; 5 lbs., \$2.50; \$4.50 per 10 lbs.

Bastian's Half Long Blood. A valuable variety to follow Bastians' Extra Early. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$3.75; \$7.00 per 10 lbs.

Bassano (Extra Early). A flat variety; flesh white and rose colored; excellent used as buttered beets. 10c. per oz.; $\frac{1}{4}$ lb., 20c.; 65c. per lb.; 5 lbs., \$3.00; \$5.50 per 10 lbs.

Crimson Globe. Almost round in shape; of a rich deep red color; it has a distinct delicious flavor and is very tender; good for sowing early for forcing and summer use. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$3.75; \$7.00 per 10 lbs.

Crosby's Egyptian. One of the earliest beets; especially desirable on account of its rich blood red color throughout, and its extreme tenderness. An early spring and winter variety, and a good keeper. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$3.75; \$7.00 per 10 lbs.

Detroit Dark Red. A desirable type of turnip-shaped beet; very tender; excellent for winter keeping. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$3.75; \$7.00 per 10 lbs.

Detroit Dark Red (Michell's Special Strain). See page 28. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.; 5 lbs., \$6.75; \$12.50 per 10 lbs.

Eclipse. Perfectly smooth and round; skin and flesh intense red. An excellent sort for forcing or for the market garden. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$3.75; \$7.00 per 10 lbs.

Lentz Early. Fine for sowing in hotbeds and outdoors early. It is also a desirable winter variety; blood red. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50; \$8.00 per 10 lbs.

Michell's Ideal. (New). A splendid turnip-shaped variety; splendid for early summer use or as a winter keeper. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.; 5 lbs., \$6.75; \$12.50 per 10 lbs.

Michell's Winter Keeper. (New). Globe shape; rich red, tender and sweet; one of the best winter varieties. See page 28 for illustration and full description. 25c. per oz.; $\frac{1}{4}$ lb., 70c.; \$2.50 per lb.; 5 lbs., \$9.00; \$16.00 per 10 lbs.

BEETS (Mangel Wurzel). See page 49.

BEET (Spinach or Swiss Chard). See page 57.

BORAGE (Herb)

15c. per $\frac{1}{2}$ oz.; oz., 25c.; 75c. per $\frac{1}{4}$ lb.; lb., \$2.50.

BROCCOLI. One ounce will produce 3000 plants
A vegetable resembling cauliflower.

White Cape. 25c. per $\frac{1}{2}$ oz.; oz., 50c.; \$1.50 per $\frac{1}{4}$ lb.; lb., \$5.00.

BRUSSELS SPROUTS

Chou de Bruxelles (Fr.);
Rosekohl (Ger.); Berza de
Brussels (Ital.).

One ounce will produce
3000 plants.

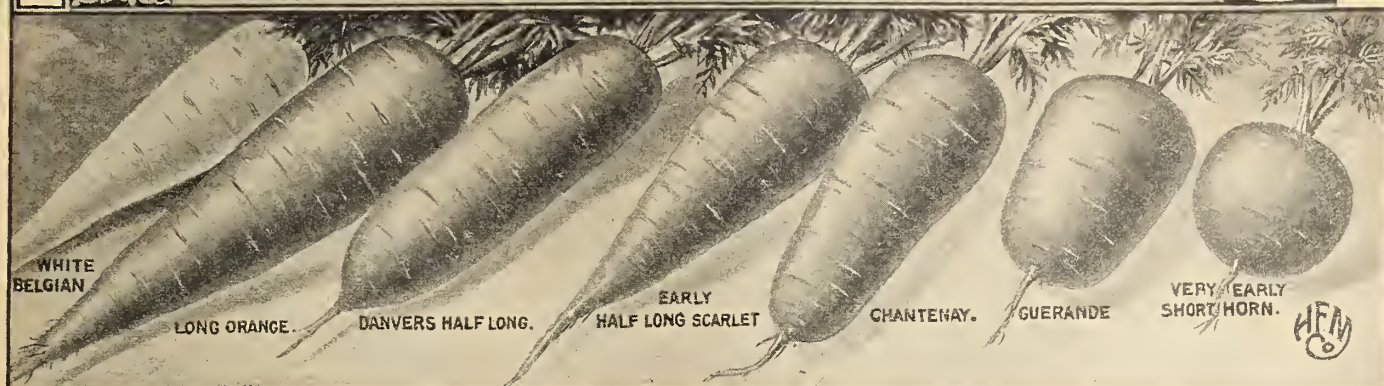
Sow seed about May 15th; transplant when about 4 ins. high, in rows 3 feet apart, 2 feet apart in the row. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. They are best for market after they have had a slight frost.
Matchless Improved. 20c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.

BRUSSELS SPROUT PLANTS
(Ready in July)

60c. per 100 (by mail, 70c.);
per 1000, \$5.00.



Brussels Sprouts



All seeds on this page post free at quoted prices.

Carotte (Fr.); Mohrben (Ger.); Carota (Ital.).

One ounce will sow 100 ft. of drill; 3 to 4 lbs. per acre.

For an early crop sow as soon as danger from frost is over in rows 1 foot apart; when 2 inches high thin out to stand 2 inches apart in the row. For late crop sow in May or June. The long sorts sow early, the half-long and round sorts can be sown later.

Chantenay Half Long. Orange scarlet color; very productive; desirable for market or home use. Flesh tender, firm and finely grained; 5 inches long, stump-rooted. 10c. per oz.; ¼ lb., 35c.; \$1.10 per lb.; 5 lbs., \$4.50; \$8.50 per 10 lbs.

Danvers Half Long. The best variety for general crop; rich orange color; a very heavy yielder and splendid keeper; a first-class carrot for all soils, and valuable both for table and stock; 6 to 7 ins. long; stump rooted. We have an extra fine strain of this favorite sort 10c. per oz.; ¼ lb., 35c.; \$1.10 per lb.; 5 lbs., \$4.50; \$8.50 per 10 lbs.

Early Half Long Scarlet. A very desirable pointed root variety, coming in between the Scarlet Horn and the Long Orange; early, of fine flavor and good color; can be sown in hotbeds for early use; 5 to 6 inches long. 10c. per oz.; ¼ lb., 35c.; \$1.00 per lb.; 5 lbs., \$4.00; \$7.50 per 10 lbs.

Early Scarlet Horn. A favorite early red variety; fine grain and good flavor; stump-rooted, about 6 inches long. 15c. per oz.; ¼ lb., 45c.; \$1.50 per lb.; 5 lbs., \$6.25; \$12.00 per 10 lbs.

CAULIFLOWER

Choux Fleurs (Fr.); Blumenkohl (Ger.); Cavol Fiora (Ital.).

One ounce of seed will produce about 3000 plants.

Sow seeds in hotbeds or window boxes in February or March and transplant in cold frames until it is safe to plant outdoors. For second crop, sow in April and set out in May. For late crop, sow in June and set out in July. Plants should be set in rows 3 feet apart, 2 feet apart in the row.

Danish Giant. An ideal variety for summer use, as it will stand more drought and heat than most other sorts; the heads are snow white. Pkt., 20c.; trade pkt., 40c.; 75c. per ¼ oz.; ½ oz., \$1.25; \$2.25 per oz.; ¼ lb., \$8.00.

Early Snowball. A splendid early variety, for either forcing under glass in cold frames or for outdoor spring planting producing magnificent medium size white heads. Pkt., 20c.; trade pkt., 40c.; 65c. per ¼ oz.; ½ oz., \$1.10; \$2.00 per oz.; ¼ lb., \$7.00.

Half Early Paris. A well flavored small head, suited to growing outdoors only. Pkt., 10c.; 35c. per ¼ oz.; ½ oz., 60c.; \$1.00 per oz.; ¼ lb., \$3.50.

Michell's Early Snowstorm. Colossal heads of purest white, averaging often 10 inches in diameter; especially desirable for its earliness under glass, but does equally well in late spring, summer or autumn outdoors. Pkt., 20c.; trade pkt., 40c.; 85c. per ¼ oz.; ½ oz., \$1.50; \$2.75 per oz.; ¼ lb., \$10.00.

Michell's Special Strain Selected Erfurt. One of the earliest in cultivation; the head is not as large as the Snowstorm sort. Pkt., 20c.; trade pkt., 40c.; 60c. per ¼ oz.; ½ oz., \$1.00; \$1.75 per oz.; ¼ lb., \$6.25.

CARAWAY (Herb)

10c. per oz.; ¼ lb., 30c.; \$1.00 per lb.

CATNIP (Herb)

20c. per ¼ oz.; ½ oz., 35c.; 60c. per oz.

CHAMOMILE (Herb)

15c. per ¼ oz.; ½ oz., 20c.; 30c. per oz.; ¼ lb., \$1.00.

Guernsey or Oxheart. A desirable variety on soils too hard and stiff for the longer growing sorts, as it is not over 3 or 4 inches long. Rich orange color and fine flavored. 10c. per oz.; ¼ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.00; \$7.50 per 10 lbs.

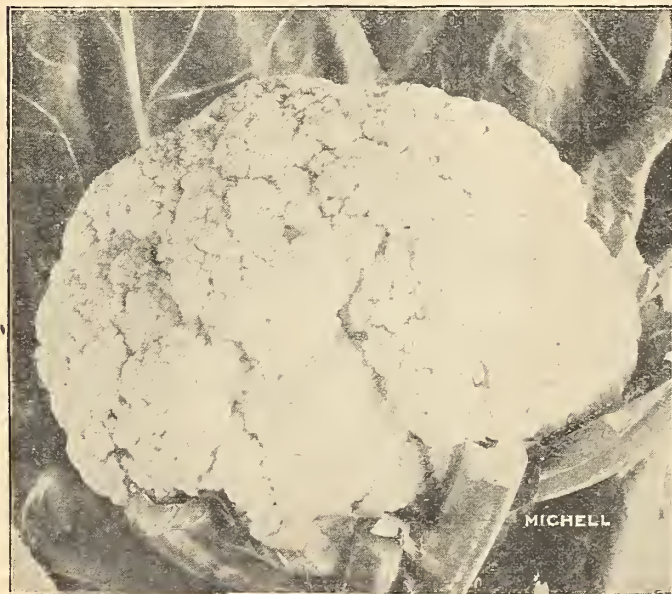
Improved Long Orange (Michell's Special Strain). Deep orange color; 10 inches long; good flavor; yields heavily; excellent table quality, and one of the best for stock feeding; pointed root. 10c. per oz.; ¼ lb., 35c.; \$1.10 per lb.; 5 lbs., \$4.50; \$8.50 per 10 lbs.

Orange Beauty. A first-class carrot in every respect. Medium long pointed root and a splendid winter keeper. 10c. per oz.; ¼ lb., 35c.; \$1.10 per lb.; 5 lbs., \$4.50; \$8.50 per 10 lbs.

Rubicon Half Long (Michell's Selected Strain). The best in shape; its deep red, orange-colored flesh is of finest quality; stump-rooted. It is earlier than the Danvers and about the same length; extremely well adapted for early forcing and for growing outside. 10c. per oz.; ¼ lb., 35c.; \$1.10 per lb.; 5 lbs., \$4.50; \$8.50 per 10 lbs.

Very Early Short Horn or French Forcing. An early scarlet forcing variety; small round root, not much larger than a radish. It may be sown outdoors as well as under glass. 15c. per oz.; ¼ lb., 45c.; \$1.50 per lb.; 5 lbs., \$6.25; \$12.00 per 10 lbs.

White Belgian. Used principally for stock, not being desirable for table; produces a long thick white root. It is also used for soiling or turning under, being a valuable humus maker. 7c. per oz.; ¼ lb., 20c.; 60c. per lb.; 5 lbs., \$2.75; \$5.25 per 10 lbs.



Michell's Earliest Snowstorm Cauliflower

CAULIFLOWER PLANTS (Ready about April 1st)

	Doz.	100	1000
Snowball variety only. From hotbeds.	\$0.20	\$1.25	\$8.00
Snowball variety only. Pot grown plants.	.60	4.25	

ALL PRICES SUBJECT TO MARKET CHANGES

(ow)



Early Jersey Wakefield



Henderson's Early Summer

Chou pomme (Fr.); Kopf Kohl (Ger.); Cavolo Cappuccio (Ital.)

One ounce will produce about 3000 plants; 4 oz. will produce enough for an acre

Our strains are the very best to be had, selected from specimen heads in well rogued fields. Sow seeds of early varieties in January or February in hotbeds, and transplant latter part of April or early in May to open ground, or an early sowing in open ground can be made as soon as weather will permit. Set the plants in rows 2 feet apart, and 12 to 18 inches apart in the row. For second early and late varieties sow in April and transplant in May, or sow in May and transplant in July, setting plants in rows 3 feet apart and 2 feet in rows. Never plant cabbage in the same location two years in succession.

All seeds on this page mailed post free at prices quoted

A book on the Culture of CABBAGE AND CAULIFLOWER, comprehensive, interesting and instructive, 90c.

EARLY VARIETIES

All Head. - The largest of the early cabbages. The head is roundish flat and remarkably solid; excellent for winter as well as early spring. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Copenhagen Market. The earliest round variety in cultivation. The heads frequently weigh as much as 10 lbs. Denmark has always been a producer of fine cabbage and many of our best sorts have originated there; in this variety we offer a splendid sort, which should be planted by every cabbage grower. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Early Jersey Wakefield (Improved Strain). The finest type of early cabbage in existence. A great improvement over the usual strains. It produces uniform pointed heads, and should be sown by every market gardener. The outer leaves form a protection for the heads, which enables it to be set out earlier than other sorts. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Henderson's Early Summer. The leaves have a more bluish cast than the other cabbages; the heads are roundish flat. A fine variety for following the early types, making a splendid solid head. 30c. per oz.; $\frac{1}{4}$ lb., 90c.; \$3.00 per lb.

Large Charleston Wakefield. Similar to the Early Wakefield, but the heads are more blunt, equally as solid, while it grows almost twice the size and matures one week later. This is a splendid cabbage for the market garden. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.



Danish Ball Head Cabbage

Dear Sirs:—

Guelph, Can.

My seed order from your firm arrived today, and everything is satisfactory. I like your goods so well that I am willing to pay duty to buy them from you.

Yours respectfully,
W. McS.

For description, see page 39.

All seeds on this page mailed postpaid at quoted prices.



Late Flat Dutch Cabbage

LATE OR WINTER VARIETIES

All Seasons (Vandergaw). A very large head, round and solid. It is valuable for late summer or winter use. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Danish Ball Head (Michell's Improved Strain). This excellent winter cabbage is unequalled for its keeping qualities, massiveness and weight. For boiling, cold slaw, sauer kraut, etc., it is ideal, being crisp, tender and sweet. One of its virtues is that it does well under most any condition of moisture or drought; heads rarely burst. (See illustration on page 38.) 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Late Flat Dutch (Improved Strain) This has been selected especially for our trade, the seed being taken from the finest type of heads which are selected for solidity and uniformity. In a row or field of this strain every head appears uniform, and its excellence is apparent. There is no better keeping cabbage in existence, being very solid. For sauer kraut it is unsurpassed. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.75 per lb.

Perfection Drumhead Savoy. A beautifully crimped-leaved sort; color a deep glossy green. The head is almost round. Savoy cabbage is distinctly flavored, being much sweeter than the other kinds. We recommend it highly, as one of the best cabbages grown for market. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Red Dutch Drumhead. A red variety used extensively for pickling. Few people can appreciate it because they have never tried it. For cold slaw it has merits over the white kinds. It is principally used for winter. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

CHERVIL

One ounce will sow a row 25 feet long.

An aromatic plant used extensively in Europe as a salad seasoner. It adds a flavor that is entirely its own. When chopped fine and scattered on buttered potatoes it is a rare treat. American gardeners should become familiar with this, as they are missing one of the best things that grow. Sow it in a row like parsley, which it somewhat resembles. For a continuous crop, sow every two weeks; if one has heated frames or a green house it can be sown under glass all winter. It can be cut 4 or 5 weeks after sowing.

Double Curled. Oz., 15c.; $\frac{1}{4}$ lb., 35c.; \$1.25 per lb.

CHICORY

Witloof. This grows in a solid oblong head and blanches ivory white. When lifting cut whole head with part of the roots to hold the leaves together. It is the choicest of all the winter salads and is used to such an extent in this country that much of it is imported. The seed should be sown thinly in drills in May and be well cultivated during the growing season; after a few sharp frosts the tops should be pulled off and the roots stored in a cool, frost-proof cellar, and forced during the winter as desired. 10c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.00 per lb.

CHARD (Swiss Chard)

Giant Lucullus. Oz. 10c.; 25c. per $\frac{1}{4}$ lb.; lb., 80c.; \$3.50 per 5 lbs.; 10 lbs., \$6.00. See page 57.

CITRON (Preserving Melon)

Per oz., 10c.; 25c. per $\frac{1}{4}$ lb.; lb., 75c. See page 49.



PE-TSAI (Chinese or Celery Cabbage)

Of upright growth, about 15 inches. It resembles a head of Romaine Lettuce, but possesses the attractive curly feature of Silesian Lettuce, and a broad wide rib. The heads are very firm, almost like Cabbage. It may be served like lettuce. It makes excellent cold slaw; may also be cooked as Cabbage. It can be planted as a spring or autumn crop; for the latter the seed is sown in July. The plants should be set from 15 to 18 inches apart, the rows 2 to 2 $\frac{1}{2}$ feet apart. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

CABBAGE PLANTS

Ready in season according to variety.

Early Sorts. From hotbeds. Per 100 50c.; per 1000, \$4.00.

From Cold Frames, Transplanted. 100, 75c.; per 1000, \$6.50.

Late Sorts. Danish Ball Head and Late Flat Dutch only. Ready July 1st. Per 100, 50c.; per 1000, \$4.00.

CHIVES (Schnittlauch)

Indispensable for flavoring certain dishes; it imparts a mild onion taste. The plants are hardy and will last for years; don't cut the plant too close when gathering. For winter use, lift and plant in a pot or box and place in a sunny window in the kitchen. **Seed.** 20c. per $\frac{1}{4}$ oz.; $\frac{1}{2}$ oz., 30c.; 50c. per oz.; $\frac{1}{4}$ lb., \$1.75; \$6.00 per lb.

Strong Plants. 12c. each; doz., \$1.25; \$8.00 per 100.

CORIANDER (Herb)

10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

COLLARDS

One oz. of seed will produce 3000 plants.

These are extensively grown in the south and used as greens during the winter months. In that latitude the plant is practically hardy. The lower leaves are pulled off and used, when new ones then form on the upper part of the stem, which increases in height. They are planted much like cabbage. They also make splendid winter food for poultry and lambs.

Georgia or Southern. 10c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.00 per lb.



Georgia Collards



Mitchell's Strain "Easy Blanching" Celery

MICHELL'S CHOICE CELERY

Celeri (Fr.); Sellerie (Ger.); Sedano (Ital.).

One ounce of seed will produce 3000 to 5000 plants; half-pound is sufficient for one acre.

All seeds on this page mailed post free at prices quoted.

Sow in hotbeds or in open ground in drills in April. See that no weeds infest the seed bed or the drills; transplant in rows 3 feet apart, 6 inches apart in the row.

EARLY VARIETIES

(For Thanksgiving and Christmas Use)

Easy Blanching. A splendid first early variety, being ready in October, and producing enormous thick stalks which are very crisp. 30c. per oz.; $\frac{1}{4}$ lb., \$1.10; \$4.00 per lb.

Easy Blanching (Private Stock; Penna. Grown). See illustration and description, page 29. \$1.10 per oz.; $\frac{1}{4}$ lb., \$4.00; \$15.00 per lb.

Golden Self Blanching (French Grown Seed). One of the earliest and most productive sorts. The beautiful golden-colored stalks attain a height of 18 inches, which are never pithy and of excellent flavor; ready in October, but may be kept for early winter use. \$1.00 per oz.; $\frac{1}{4}$ lb., \$3.50; \$12.00 per lb.

Golden Self Blanching (American Grown Seed). From seed stock renewed annually from France. 35c. per oz.; $\frac{1}{4}$ lb., \$1.15; \$4.00 per lb.

New York. A large, self blanching variety; crisp and never pithy; one of the finest varieties for the market gardener. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Pink Plume. A splendid table novelty; splendid flavor, crisp, and not stringy. Oz., 25c; 75c. per $\frac{1}{4}$ lb.; per lb., \$2.50.

White Plume (Mitchell's Private Stock). A standard early celery for market garden. The stalks and heart which blanch very quickly to almost a pure white, are very crisp and brittle. It can be used early in November and is of the finest quality. Our strain of seed is very superior in every way. 25c. per oz.; $\frac{1}{4}$ lb., 70c.; \$2.25 per lb.

LATE WINTER VARIETIES

Emperor (New). Dwarf growing; very brittle and of extra fine flavor; a good winter keeper. 30c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Giant Pascal. This is in its prime for use during February and, March, and can be used well up into spring. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$1.75 per lb.

Winter King. Perfectly solid, crisp and of a delicious flavor; blanches well and is one of the best winter keeping varieties. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Winter Queen. A medium tall solid variety; will retain its qualities through the winter. The heart is very full and large. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$1.75 per lb.

New Columbia. A new variety of great merit; a medium tall sort, producing a large, heavy stalk; has splendid keeping qualities. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.

CELERY PLANTS (Ready in July)

Leading varieties. 60c. per 100; per 1000, \$5.00.

BALL CELERY BLEACHER

A practical, inexpensive device for bleaching celery early, made of stiff, heavy paper. If the tubes are to be left on the plants all winter and the soil drawn around them, you get celery clean and sweet.

	Per 50	100	1000
No. 1. 6 x 12 in. Wt. per 100, 8 lbs...	\$1.65	\$3.00	\$25.50
No. 2. 6½ x 13 in. Wt. per 100, 10 lbs...	2.00	3.60	32.00
No. 3. 7 x 14 in. Wt. per 100, 14 lbs...	2.25	3.85	33.50

BALL CELERY HANDLERS

Brass, \$3.50 each. Tin, \$1.65 each.

CELERY PAPER

For winter protection; in 500 sq. ft. rolls. \$1.25 per roll.

CELERY TAPE

Fast red; in spools of 1000 yards, \$4.00.



CELERY SEED

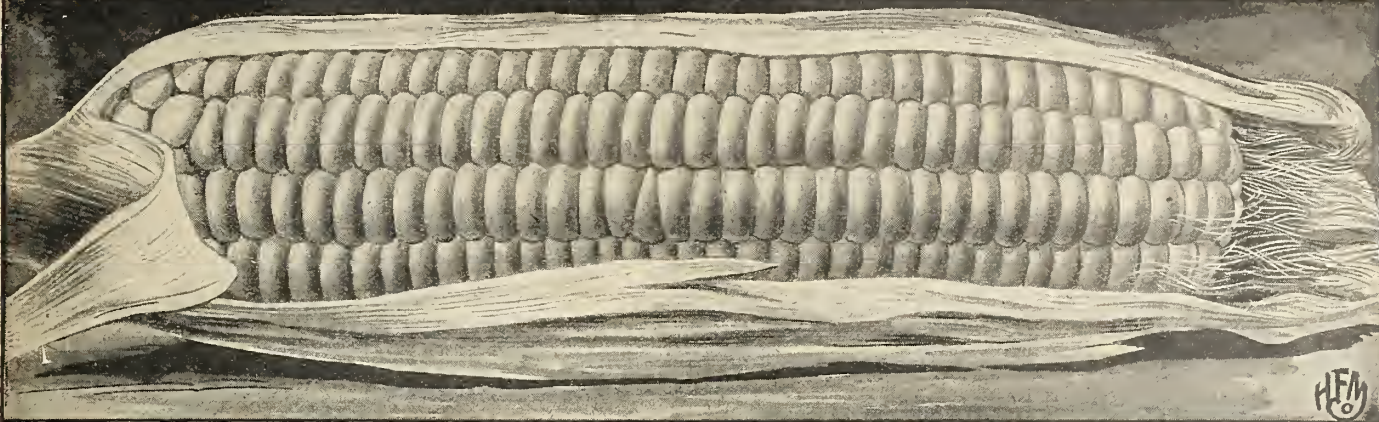
(For Flavoring)

5c. per oz.; $\frac{1}{4}$ lb., 10c.; 35c. per lb.

CELERICAC

This vegetable is used for two purposes: The leaves are cut when young and used to flavor soups and meats. The roots are boiled, sliced, cooled, and served as a salad. Sells readily in some markets.

Giant Prague. 10c. oz.; $\frac{1}{4}$ lb., 35c.; \$1.25 per lb.



Golden Bantam

Mais (Fr.); Welschkorn (Ger.); Grano Turco (Ital.)

1 lb. will plant about 150 hills; 12 to 15 pounds will plant an acre.

Plant once a week from the moment the ground is permanently warm until July 15th. Drop from 6 to 8 grains in hills three feet apart each way, or in rows three feet apart; if the latter, thin out so the plants stand 12 inches apart; if left in hills, thin out when 4 inches high to 3 to 4 strong plants to the hill. The early varieties should be planted for a late crop to be sure of maturity.

EARLY VARIETIES

Adams Extra Early. Pure white; medium size ears; not entirely sweet. 15c. per lb.; 2 lbs., 25c.; 55c. per 5 lbs.; 10 lbs., \$1.00; \$2.25 per 25 lbs.; 50 lbs., \$4.25; \$7.75 per 100 lbs.

Bantam Evergreen. A splendid extra early yellow variety claimed to be earlier than Golden Bantam, and with much larger ears. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.50 per 25 lbs.; 50 lbs., \$6.25; \$12.25 per 100 lbs.

Early Mayflower. An improved White Cory, maturing very early; it is dwarf in growth with large, well-filled ears. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.75; \$3.75 per 25 lbs.; 50 lbs., \$7.25; \$14.00 per 100 lbs.

Early Evergreen. This variety is closely allied to Stowell's in shape, flavor and style, but is much earlier; produces large well-shaped ears with deep grains. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.25 per 25 lbs.; 50 lbs., \$6.25; \$11.00 per 100 lbs.

Golden Bantam. While yellow in color, this is one of the sweetest and earliest varieties in existence; if once planted it will be a sure favorite. The ears are medium size, tender and delicious. The plant is of dwarf growth; we recommend it very highly for the home garden. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.25 per 25 lbs.; 50 lbs., \$6.25; \$12.00 per 100 lbs.

Golden Cream. A cross between Country Gentleman and Golden Bantam and combines the excellent qualities of both. It is almost as early as Golden Bantam, has deeper grains, and a larger ear. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.25 per 25 lbs.; 50 lbs., \$6.25; \$11.00 per 100 lbs.

Golden Giant. The growth is dwarf and compact, thus assuring early maturity. Ears are of good length, and well filled out from butt to tip and very symmetrical; kernels are staged regularly on the cob and are fairly large. A heavy yielder and of excellent quality. 40c. per lb.; 2 lbs., 75c.; \$1.60 per 5 lbs.; 10 lbs., \$3.00; \$6.50 per 25 lbs.; 50 lbs., \$12.00; \$22.00 per 100 lbs.

NOTE—If corn is wanted by parcel post allow for mailing charges.

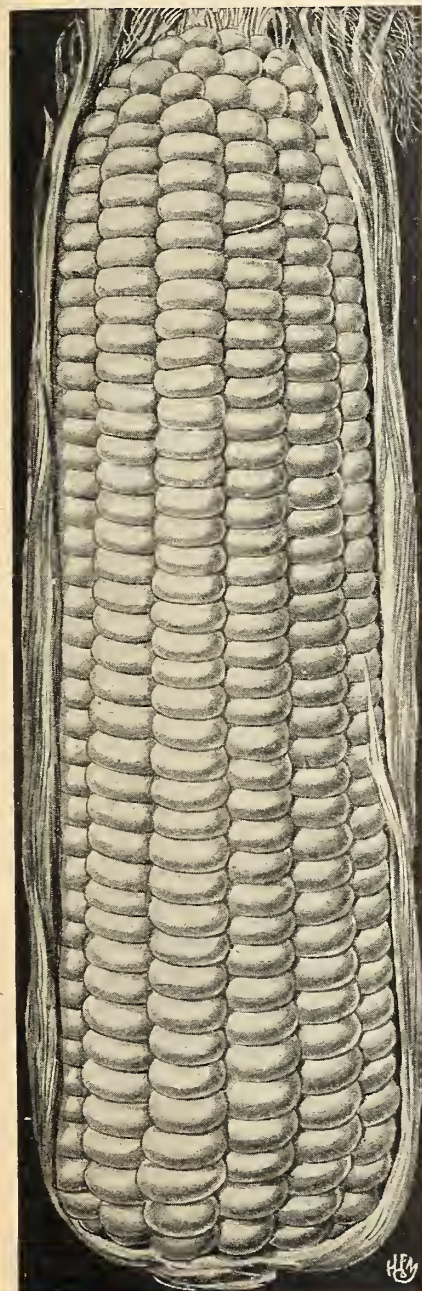
Howling Mob. Although an early variety, the ears are much larger than most of the others early sorts, while the grains are much whiter and sweeter. A splendid sort for the market gardener as well as for home use. Might be classed worm proof, since the husk covers the ear completely and in a tight fashion. It follows the Adams Extra Early types, which are not near so sweet. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.25 per 25 lbs.; 50 lbs., \$6.25; \$11.00 per 100 lbs.

Ideal. The grower of this variety has been carefully selecting it for many years. Exceedingly early and large yielder. It is not quite as sweet as some other varieties. It is, though, nevertheless, well flavored and its extra early feature outweighs all other points against it. 15c. per lb.; 2 lbs., 25c.; 55c. per 5 lbs.; 10 lbs., \$1.00; \$2.25 per 25 lbs.; 50 lbs., \$4.25; \$7.75 per 100 lbs.

Kendel's Early Giant. Large ears; large deep grain; well flavored and extra sweet. The ears are very cylindrical. An ideal sort for the first and last planting. Just the variety to grow for market garden trade. It gives the housewife a lot of splendid quality for her money. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.25 per 25 lbs.; 50 lbs., \$6.25; \$11.50 per 100 lbs.

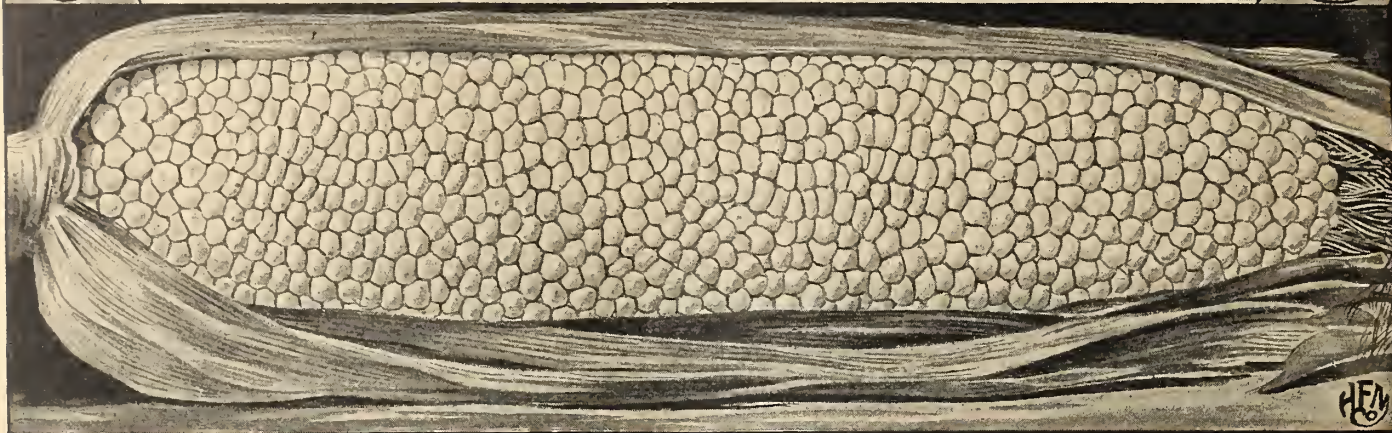
Stabler's Extra Early. This is the standard early sort for the market garden. The large ear is well arrayed with even grains which cook pure white and are very tender. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.40; \$3.00 per 25 lbs.; 50 lbs., \$5.75; \$11.00 per 100 lbs.

Sugar Kernel. A splendid new, medium early variety of excellent quality; ears cylindrical, of medium size and often two ears on a stalk; one of the best of recent introductions. 45c. per lb.; 2 lbs., 80c.; \$1.85 per 5 lbs.; 10 lbs., \$3.50; \$7.50 per 25 lbs.; 50 lbs., \$13.50; \$25.00 per 100 lbs.



Michell's Delicious (See page 42)

MICHELL'S SELECTED SUGAR CORN.



Country Gentleman

NOTE.—If sugar corn is wanted by parcel post, please allow for mailing charges.

MEDIUM and LATE VARIETIES

Black Mexican. A medium late variety, reputed to be without exception the sweetest corn grown; while the grains are young they cook white, as the ear becomes older it cooks a violet shade on the outside, but in either stage of growth it is desirable. The ears are medium sized and are produced abundantly. We would not recommend this as a market variety unless one has an exclusive trade that demands it. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.25 per 25 lbs.; 50 lbs., \$6.25; \$11.00 per 100 lbs.

Country Gentleman (*Michell's Improved Strain*). A distinct sort, with deep, fine grains which are staged irregularly on the cob. In sweetness it is unapproached and for this reason it should recommend itself to every planter. The ears are large and borne on stalks about 6 feet high; a very productive variety and desirable for market use. Our Improved Strain is a careful selection of the finest types of ears from stalks making a larger than usual yield and will give unusual satisfaction. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.25 per 25 lbs.; 50 lbs., \$6.25; \$12.00 per 100 lbs.

Late Mammoth. Gigantic ears, of extra fine quality, produced in quantity. This is the latest maturing and largest of all sweet corns. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.25 per 25 lbs.; 50 lbs., \$6.25; \$11.50 per 100 lbs.



Little Gem or Shoe Peg (*Ne Plus Ultra*). This variety is closely allied to Country Gentleman and resembles it so closely that it is difficult to separate the two. 20c. per lb.; 2 lbs., 35c.; 85c. per 5 lbs.; 10 lbs., \$1.60; \$3.50 per 25 lbs.; 50 lbs., \$6.75; \$13.00 per 100 lbs.

Michell's Delicious. The name hardly describes this sort. Some twenty years ago it was selected by an old-time Philadelphia gardener who bred it until he had it perfect. Ever since we acquired control thereof we have placed it with our best sugar corn grower in New England with instructions to grow it for us exclusively and keep reselecting it. The ears are well filled, medium in size and mature after the early varieties. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.25 per 25 lbs.; 50 lbs., \$6.25; \$11.50 per 100 lbs.

Stowell's Evergreen (*Michell's Improved Strain*). The best late corn grown. The ears are extra large, and produced in great abundance; stalks often grow to a height of 7 feet. In sweetness it is unexcelled and for this reason it is the great favorite of the market gardener. Our strain has been reselected and represents not only a superior quality, but a most distinct advance in every way of this splendid variety. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.40; \$3.00 per 25 lbs.; 50 lbs., \$5.75; \$11.00 per 100 lbs.

POP CORN (Shelled)

There is hardly a home in this vast country, where the popping of corn is not considered an excellent pastime during the long, dreary evenings of winter. When popped, buttered and sugared it is not only delicious, but healthful. Not all popcorn is in the right condition for popping. What we offer, however, can be relied upon for planting and popping.

Golden Queen. Lb., 10c; 5 lbs., 40c.

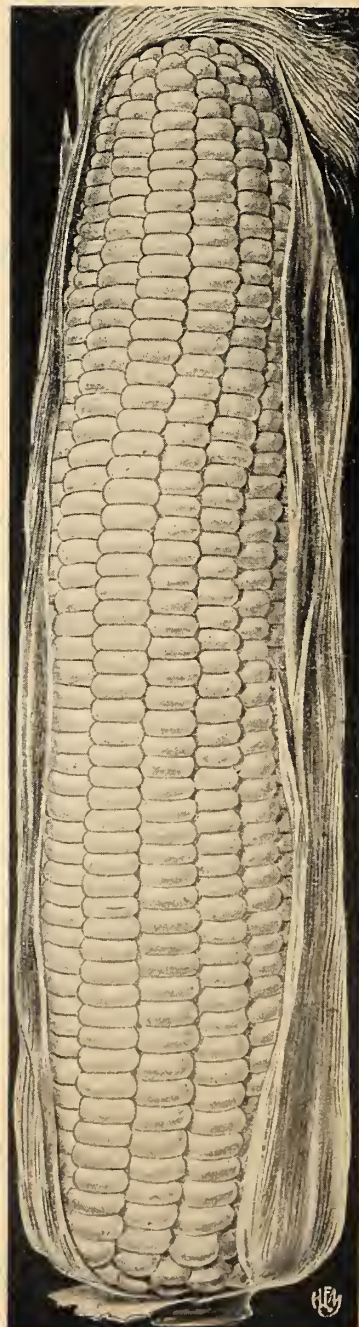
White Rice. Lb., 10c; 5 lbs., 40c.

CORN SALAD (Fetticus)

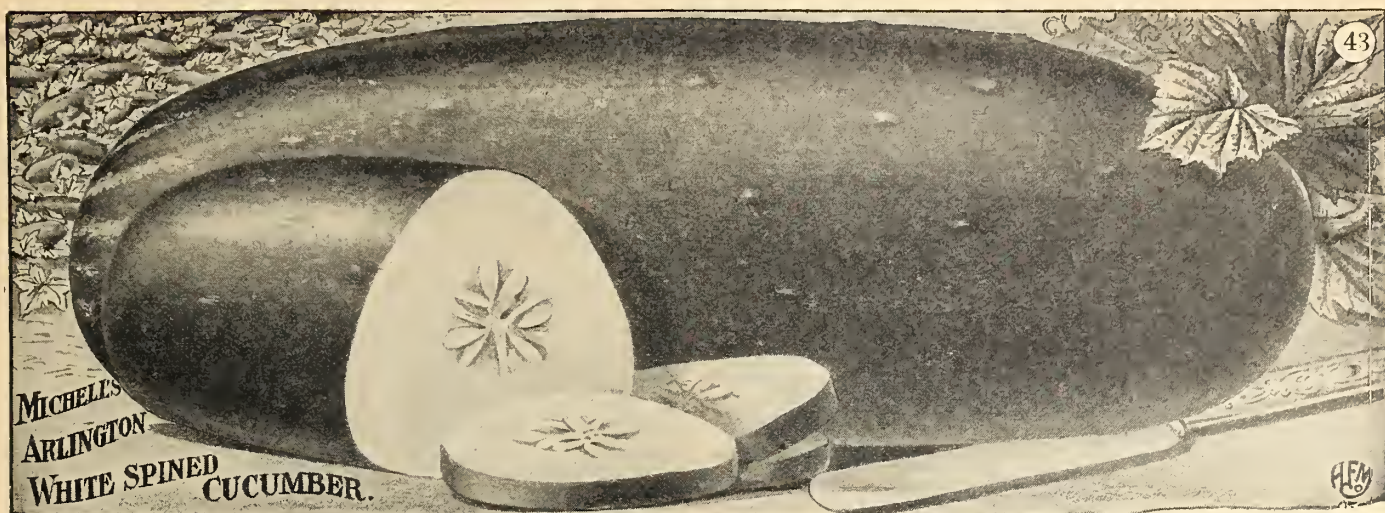
Mache Ronde (Fr.); **Ackersalat** (Ger.).

This is principally sown for a supply of greens during winter and early spring months. Sow in September broadcast; when cold weather approaches, cover it with a litter of leaves or long manure, and upon approach of spring the covering can be taken off entirely. It can be gathered on mild days during winter.

Large Leaved, Round Seeded. 15c. per oz.; ¼ lb., 40c.; per lb., \$1.25; \$5.50 per 5 lbs.



Stowell's Evergreen



CUCUMBER

Concombre (Fr.); Gurken (Ger.); Cetriolo (Ital.). One ounce of seed will plant 60 hills; 2 to 3 pounds per acre.

Plant when the ground has become thoroughly warmed, in hills 4 feet apart each way, 8 seeds in a hill; when the second set of leaves have formed thin out to 4 plants. A type of beetle attacks this crop occasionally, which can be conquered by spraying the vines with Pyrox or Arsenate of Lead; when this is used always wash the fruits thoroughly before placing them on sale.

Davis' Perfect. This remarkably fine variety is suited for growing under glass as well as outdoors. The fruits are uniform in shape and size and measuring often 10 to 12 inches long. Its color is dark green all over and it is quite smooth and very productive. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

Early Fortune. One of the finest market cucumbers of the White Spine type; of medium length, and dark green in color, which it holds for a long time after picking; flesh white and very crisp. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

Evergreen. The name is derived from its dark green color-retaining qualities; fruit thick and measuring about 8 to 9 inches long. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

Gherkin or Burr Cucumber. For pickling only; the small fruits are roundish long, about 2 inches; very prickly when green. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.

Japanese Climbing. A trellis variety used for shade as well as eating purposes. The vine is very ornamental and produces extra long, light green fruits in abundance. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.

Jersey Pickle or Green Prolific. This sort can be used for slicing, but is best for pickling, on account of its size, which averages 5 inches; makes ideal "Dill Pickles" as sold extensively in the delicatessen stores. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

Long Green Turkey. This is one of the large varieties, used principally for slicing. Its dark color makes it desirable for market. The vines are very vigorous and productive; the fruits are formed almost as early as the short sorts, are firm, crisp and have a fine flavor. 10c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.10 per lb.

White Spined (Michell's Arlington Improved). This cucumber is conceded to be absolutely perfect in form, color, size and productiveness, and is therefore the leading sort for the market garden, and also with those who make a specialty of growing them under glass. The fruit is smooth, deep green to the tip and measures uniformly 8 inches in length. It has few seeds making it a valuable variety for slicing or pickling. A splendid keeper, retaining its color remarkably; the seed we offer is an extra selection. Oz., 10c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00.

ENGLISH FORCING CUCUMBERS

These are splendid for growing in hotbed frame during the summer months, in preference to the open garden ground. They can thus be started earlier and protected during cool nights, as they are more tender than the regular variety; they may also be grown under glass in greenhouses during the winter. They produce fruits generally 18 to 24 inches long and 3 inches in diameter. They have a delicate flavor and possess very few seeds; for slicing, no other sorts can approach them.

Lockie's Perfection, Sion House, Telegraph, Tender and True. Per packet of 12 seeds of either of the 4 sorts above, 20c. each; \$1.50 per 100 seeds.

All seeds on this page mailed post free at quoted prices.

GARDEN CRESS (Pepper Grass)

Sow thickly in early spring in drills one foot apart, and follow every two weeks, up to August 1st, with a new sowing, as it quickly runs to seed. Its very desirable pungent taste is acceptable to most any one who is fond of garden greens. It is eaten prepared with either a little salt and vinegar, or without. Makes a very tasty salad.

Extra Curled. 5c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.

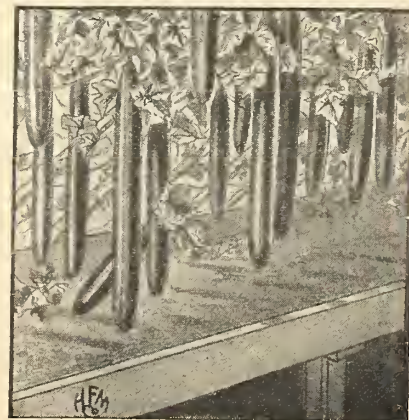
WATER CRESS

This desirable cress may be sown early in spring near the brink of a pond of spring water, or piece of running water. Just scatter the seed and it will sprout and grow with wondrous rapidity; once established it remains for years, reseeding itself.

True Erfurt. 35c. per oz.; $\frac{1}{4}$ lb., \$1.10; \$4.00 per lb.



Water Cress



English Greenhouse Cucumbers

MICHELL'S VEGETABLE SEEDS

All seeds offered on this page (not plants) mailed postpaid at quoted prices.

DANDELION

Pissenlit (Fr.); Loewenzahn (Ger.); Dente di leone (Ital.)

While this name applies to one of the most obnoxious of weeds, this variety is a valuable vegetable grown in quantities for the New England markets, where it is prized as the first spring greens. The leaves which are very fleshy, are boiled and served hot or cold; not alone is it appetizing, but very healthy and highly recommended by physicians. Seed should be sown in spring thickly in the garden, where the plants should remain for the season; late in the fall cover the bed with a movable sash, or leaves, or salt hay for protection. To be real tender it must be used very early in the spring, after which the bed should be destroyed, unless it is desired to make wine from the flowers. A new bed should be made each season.

Thick Leaved or Cabbaging. Oz., 50c.; $\frac{1}{4}$ lb., \$1.75; lb., \$6.00.

DILL (Herb)

Used extensively for culinary use and for putting with cucumbers when pickling, producing the famous "Dill Pickles." 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

EGG PLANT

Aubergine (Fr.); Eierpfanze (Ger.); Petonciano (Ital.).

One ounce will produce about 2000 plants.

Sow seed in March in hotbeds and when 3 inches high transplant into small pots or otherwise. Plant outdoors in May or June or after the weather has become permanently warm. The rows should be 3 feet apart and the plants set 2 feet apart in the row.

SELECTED NEW JERSEY GROWN SEED

Black Beauty. An extra early, large variety, almost black in color; very prolific and with few seeds. 35c oz.; $\frac{1}{4}$ lb., \$1.25; \$4.50 per lb.

Michell's New York Improved.

An old standard; quite large and more elongated than the Black Beauty; of a rich purple color. 35c. per oz.; $\frac{1}{4}$ lb., \$1.20; \$4.00 per lb.

EGG PLANT PLANTS

(Ready May 15th)

New York Improved and Black Beauty. Pot grown at our own nurseries. Per doz., 75c.; \$5.75 per 100.

FENNEL (Herb)

Sweet. 15c per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.

Florence. 25c. per oz.; $\frac{1}{4}$ lb., 80c.; \$2.50 per lb.

HERBS (Garden and Medicinal).
(See page 59.)



Maliner Kren Horseradish

HORSERADISH ROOTS

(Ready in March.)

Set the roots in spring in rows $2\frac{1}{2}$ feet apart, $1\frac{1}{2}$ feet apart in the row. Late in the fall lift as many roots as you think you will use, cut off the top, place them in a cool cellar covered with soil or sand, and market as required. A bed once planted will remain for years.

Maliner Kren (Bohemian). A quick-growing variety; the very best horse radish grown. Large, strong cuttings. \$1.50 per 100 (Postpaid, \$1.65); \$12.50 per 1000.



Endive, Broad Leaved Batavian

ENDIVE

(Sometimes called Chicory)

Chicoree (Fr.); Endivien

(Ger.); Indivia (Ital.)

One ounce will sow a row 200 feet.

Sow in April for early use, or for late use from June to August shallow drills and when 2 inches high thin out so the plants stand 10 inches apart. When fairly well developed tie the plants together at the top with twine, but do this at a time when the leaves are dry; this is called the blanching process. If the plants are protected they may be left outdoors till Christmas. If wanted for later use they must be lifted late in the autumn and placed in a dry, cool cellar, covering the roots with soil.

Broad Leaved Batavian (Escarolle). Leaves broad, light green, nearly plain. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

Giant Fringed (Oyster Endive). A variety with a large white heart and broad leaves; heads measure 15 inches in diameter. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.



Black Beauty Egg Plant

Improved Green Curled. An improvement over the common green variety, producing a larger head and more leaves. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

White Curled (Self Blanching). This is the finest White Curled variety; always crisp and tender. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

GARLIC SETS

Ail (Fr.); Knoblauch (Ger.); Aglio (Ital.)

A hardy flavoring onion, used extensively in the French method of cooking. This variety should not be compared with the common field sort, as this produces large bulbs. Plant and harvest the same as onions. These always find a ready sale in the market. Per lb., 25c.; \$1.10 per 5 lbs.

HOP VINE

Besides being used in culinary and medicinal ways, this makes a valuable shade plant, placed on arbors, trellises, etc. It is hardy and rarely winter kills. The hops are gathered about September and stored for use on a dry floor or hung in bags.

Green Variety. Doz., \$1.75; \$12.50 per 100.

ALL PRICES SUBJECT TO MARKET CHANGES

(ow)

KALE OR BORECOLE

Chou Vert (Fr.); Blatterkohl (Ger.); Cavolo Verde (Ital.)
One ounce will sow a drill 150 ft. long; 3 lbs. will sow an acre.

For early use it may be sown in May; when desired for winter use, sow in September, broadcast or in rows 2 ft. apart. Cover for protection against severe freezing and snow. Do not handle while in a frozen condition. One of the finest nutritious greens for winter and early spring use.

Dwarf Green Curled. Very compact growing, rarely attaining a height of over 6 inches. The leaves are dark green and very curly. 10c. per oz.; ¼ lb., 25c.; 85c. per lb.; 5 lbs., \$3.75.

Imperial Long Standing. The leaves are very crimp and of a dark green color. It is quite tall and an excellent producer; will be found very profitable where quantity as well as quality is desired. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50.

Siberian. A very hardy variety; popular with market gardeners. Should be sown in September for spring greens. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50.

KOHL-RABI

Chou Rave (Fr.); Kohl Rabi (Ger.); Cavolo rapa (Ital.)
One ounce will produce about 2500 plants.

It is regrettable that this splendid vegetable is not more widely used. We would suggest to those who have not given it a trial that they do so. Sow seed in early spring in hotbeds or outdoors and transplant when 3 inches high, in rows 18 inches apart, 6 inches in the row. The edible part is the bulb or root, which grows above the ground; this should be used when it attains a size of 2½ inches in diameter or less; at this stage it is extremely tender and delicious, while if allowed to get larger it is woody. Prepared and served like turnips, except that a few of the bottom leaves can be cooked with the root.

Blue or Purple Vienna. The flesh is white, with a bluish skin. Principally used for outdoor sowing. 20c. per oz.; ¼ lb., 60c.; \$1.75 per lb.

Early White Vienna. This variety is suited for sowing under glass or for outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. 15c. per oz.; ¼ lb., 50c.; \$1.50 per lb.

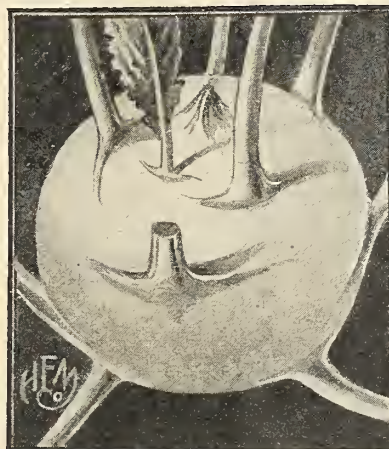


LEEK

Poireau (Fr.); Lauch (Ger.); Porro (Ital.)
One ounce of seed will furnish about 2500 plants.

Allied to the onion family but producing a long bulb; the stalks are cut and used for flavoring soups; also they are boiled and served with melted butter, and make a very palatable dish on account of their mild flavor. Sow seeds in April in rows 1 foot apart, covering the seed about an inch; when about 4 inches high transplant where it is to develop, in rich soil in rows 18 inches apart, 6 inches in the row. When fully grown, hill soil against them to blanch them; about November 1st take up the plants and store in a cool cellar, placing the root end in soil 3 or 4 inches, thus a supply may be had all winter.

Giant Carentan. A variety which produces colossal stalks of tender quality. 15c. per oz.; ¼ lb., 50c.; \$1.75 per lb.



Kohl-Rabi

London Flag. Popular for the market garden; makes a longer but narrower stalk than others. 15c. per oz.; ¼ lb., 50c.; \$1.75 per lb.

MANGEL-WURZEL (See Page 49)

All seeds offered on this page mailed postpaid at prices quoted.



MARTYNIA (Unicorn Plant)

A bushy plant growing 2 feet in height, bearing clusters of flowers resembling gloxinias which are followed by long green pods, which when picked may be pickled the same as cucumbers, making a very tasty relish. Sow seeds in April outdoors and transplant so the plants stand 2 feet apart each way.

Proboscidea. 25c. per oz.; ¼ lb., 75c.; \$2.50 per lb.

LAVENDER (Herb)

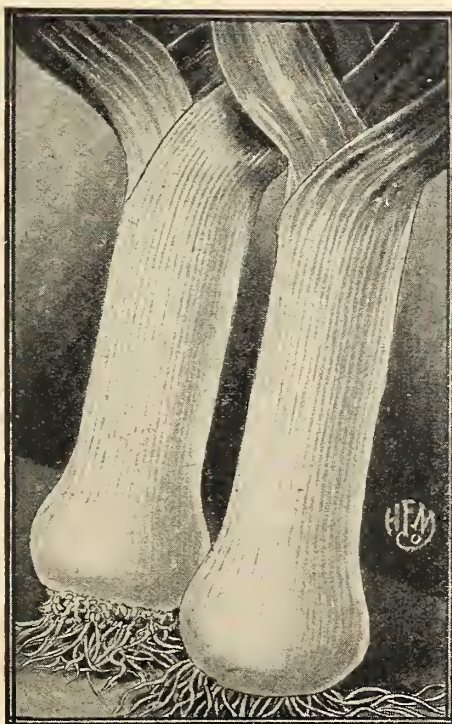
15c. per ½ oz.; oz., 25c.; 90c. per ¼ lb.; lb., \$3.00.

MINT (Herb)

15c. per pkt.; ¼ oz., \$1.25; \$2.25 per ½ oz.; oz., \$4.00.

MINT PLANTS

Spearmint. \$1.25 per doz.; 100, \$8.00 | **Peppermint.** \$1.25 per doz.; 100, \$8.00



Giant Carentan Leek

MICHELL'S CHOICE STRAINS OF LETTUCE

Laitue (Fr.); Lattich Salat (Ger.); Lattuga (Ital.).
One ounce of seed will produce about 2500 plants.

NOTE.—All seed offered on this page mailed postpaid at prices quoted.

HEADING VARIETIES

All Heart. An excellent lettuce for either spring or summer use. The head, while large, has a loose heart, which is of a decided buttery flavor; can be used for sowing in frames or in spring and early summer, outdoors. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.



Michell's All Right Lettuce

All Right (Michell's). This is not a variety for forcing, but rather for an early spring crop in the hotbed or outdoors, and for sowing in August for late autumn under sash or outside, where it is not affected by cold, which with some sorts, turns them brown. On the other hand, this variety retains a rich green color. The heads are very large, often 12 inches in diameter; very solid and with a rich buttery heart of light yellow. Don't use this variety for a summer crop. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

Big Boston. A large, flat, cabbage-headed variety; splendid for midsummer or fall use or under glass in the early spring and autumn; a delightful shade of light green, tinged light brown on the outer leaves. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Boston Market (White Seeded Tennisball). Early small heading variety; one of the best for forcing; the heart is very solid and crisp. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

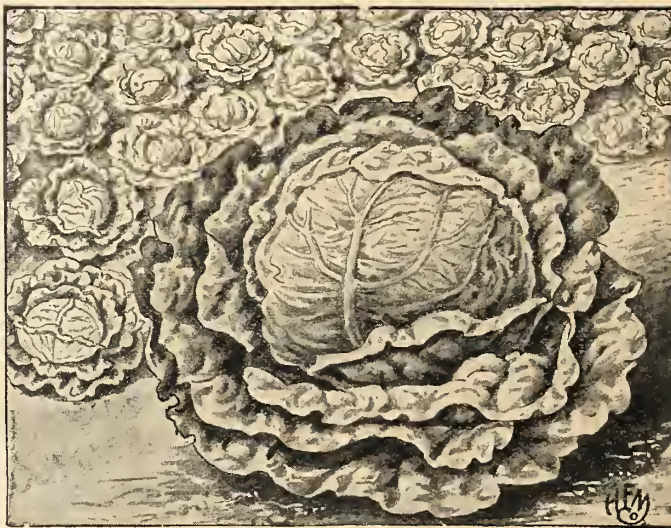
Davey's Improved Big Boston. The seed of this variety is produced for us in a suburb of Paris, France, by one of the leading market gardeners there, who created a heavy demand for this variety. The strain is superior in every way to the usual strain of the Big Boston variety; the heads are larger, almost twice the size, more solid and of better flavor. The outer leaves of the head are large and somewhat loosely set around a solid, buttery, well-flavored heart or interior. We have sold this variety extensively to our market garden customers and many of them have booked their order in advance for this season's supply, in event of a crop failure. It is ideal for hotbed culture in the early spring and autumn, while for summer growing it is one of the best. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.

Dutch Butter (Private Stock). A medium-sized head; light green leaves, with delicate yellow heart. The outer leaves are tinged brown on the edges. Suitable for forcing or outdoor planting. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Hanson Improved. Tremendous solid heads; the outer leaves are curled, the interior is almost white and very tender; stands the heat well, therefore excellent for summer use; this produces probably the heaviest head of any variety. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

Iceberg. A splendid variety, producing large, solid heads; very firm, crisp and of fine flavor; leaves curly. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

May King. The first solid head lettuce to mature outdoors, hence its name; it is of good size with tender, full heart; outside leaves tinged golden brown. Suitable for sowing under sash in early spring. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.



Michell's Number One Lettuce

Michell's Number One. This lettuce is a positive header under most trying conditions. It is tender, of a decided buttery flavor, and unusually large. A valuable type for hot weather; also desirable for autumn use. Will command twice the price of other sorts. Should not be used for forcing. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.



Davey's Improved Big Boston Lettuce

All Seeds on this page mailed at prices quoted.



New York or Wonderful Lettuce

HEADING VARIETIES (Continued)

New York, or Wonderful. This is the lettuce that has for the past few years been in great demand, especially during the late winter and early spring months; its gigantic heads when the outer leaves are removed are almost white, very solid and as it grows in California it is nevertheless lettuce which deserves greater recognition than it has heretofore received. A variety seen on the markets in Philadelphia and New York. We offer a fine strain of seed, selected from specimen heads. 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.25 per lb.

Prize Head. A splendid loosely-formed head, claimed to do well where all others fail; desirable for outdoor planting only; has a dark tinge on the outer leaves; good for spring and summer use. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

Salamander (Mammoth). One of the best midsummer varieties, resisting heat and drought and remains in heading condition longer than many others. The heads are enormous and of a fresh green color; loose leaves can all be used, as they are brittle and tender. This strain is an improvement on the usual form. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Unrivaled. Very large, light green and of a crisp nature; very desirable for summer use. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.

Wayahead. The earliest hard headed lettuce in cultivation, doing well either under glass or in the open in spring or autumn. The heart is a golden buttery color, and of delicious flavor. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

LETTUCE PLANTS

We can supply these during April and May only, in the leading heading varieties. 50c. per 100 (postpaid, 60c.); \$4.00 per 1000.

Shelter Island Heights, N. Y.

I would like to let you know that your Romaine Lettuce is the finest we have ever grown.

Mrs. J. F. B.

Collingdale, Pa.

The New York or Wonderful Lettuce is the best variety I ever grew; I will not plant any other variety hereafter.

J. W.

LOOSE LEAF OR CUTTING VARIETIES

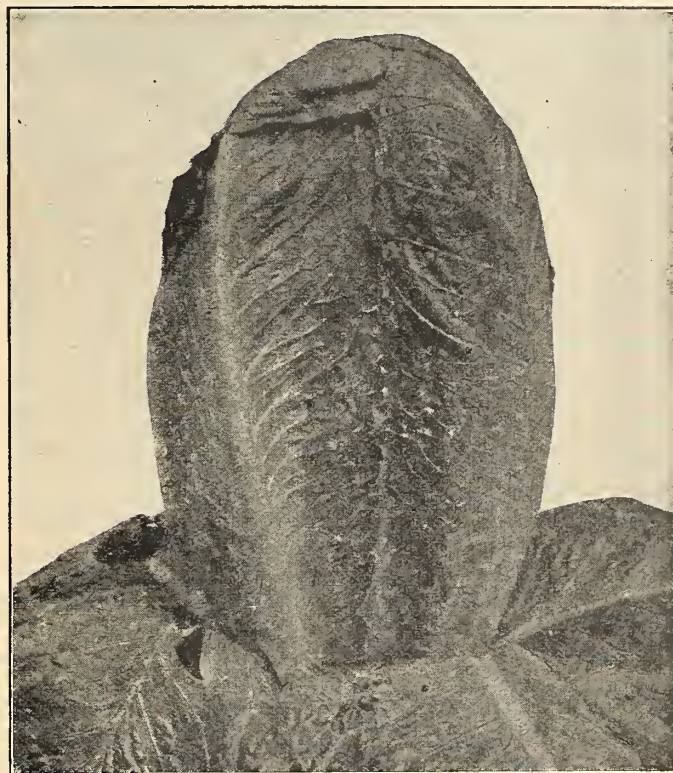
For early or midsummer use, seed should be sown very thickly. When pulling the young plants try to do so with an effort to thin out the bed, thus allowing the remaining plants to become large. This class is always tender and is preferred by many to the heading varieties. The loose leaved lettuces with the exception of Grand Rapids can hardly be regarded as suitable varieties for the market.

Black Seeded Simpson. Ideal for midsummer use, as it withstands the most trying conditions of heat and drought. When matured, presents a formidable loose head with finely fringed leaves. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Early Curled Simpson. A splendid curly-leaved sort; loose heads and very tender. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

Grand Rapids (Special Strain). The leading variety in this class for forcing under glass, but it may also be grown successfully outdoors. The leaves are very curly, crisp and brittle, and have a palatable flavor. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Silesian. This variety should be cut instead of pulled, as it makes new growth from the same root. A light green color, and when given plenty of room will form a large loose head. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.



Lettuce, Kingsholm Cos

COS, ROMAINE, OR CELERY LETTUCE

Of French origin, this type, as will be seen by the illustration, differs greatly from the American varieties by its peculiar upright growth; it also has a decided flavor. To have it real tender the heads must be tied together at the top so that the inner leaves blanch. It is best adapted to outdoor planting and stands the heat well. When thinning out remember that they require less room than the regular heading varieties. The Romaine lettuces sell readily to most all trade and should be grown more generally by market gardeners.

Kingsholm Cos. The largest and best heading variety of this type. The inner leaves blanch almost pure white and have little or no rib; the heads are very full throughout and therefore contain more edible part. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

WIZARD BRAND SHEEP MANURE

The ideal manure for bench soil, potting soil or field dressing—for every crop under glass or out of doors.

MICHELL'S MUSKMELON OR CANTALOUPE.*



Rockyford

Delicious Gold Lined

Melon Muscade (Fr.); Melone (Ger.); Popone Melone (Ital.).

One ounce will plant about 50 hills; 2 to 3 lbs. are required for an acre.

While these reach their greatest perfection in a light, sandy loam, any good well-prepared garden soil suits them. Plant when the ground has become permanently warm in hills 6 feet apart each way, 8 to 10 seeds in a hill. After the second tier of leaves have formed, thin out to 4 plants in a hill. Watch carefully for insects of various kinds, especially the melon louse that works under the leaf and shrivels it, causing the plant to die. To fight this successfully, raise up the vines and spray underneath with "Black Leaf 40," Pyrox, Arsenate of Lead, or some of the various Nikoteen preparations. When the vines have made a good start, they are not bothered much with insects thereafter.

NOTE.—All seeds offered on this page mailed postpaid at prices quoted.

Delicious Gold Lined. See illustration. Flesh thick, fine-grained and sweet; color green, with a gold margin next the seed cavity; slightly oval and heavily netted. A variety which every melon planter should not overlook to grow. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.

Emerald Gem. Among the standard varieties this has long been a leader. The flesh, which is thicker than any other melon of the same shape, is a rich salmon shade and ripens extremely close to the rind. It is exceedingly sweet and one of the best flat market melons. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

Fordhook. This is claimed to be one of the best melons ever introduced. Shape like Emerald Gem, on which it is claimed to be an improvement. The flesh is a beautiful salmon orange, surprisingly sweet. The fruits are very large, often weighing 2 lbs. each; an early variety, and always prolific. The netted rind is very thin and can be eaten very closely. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

Honey Dew. This might easily be termed a family melon because one is large enough for a number of people. In size, 6 inches in diameter and from 7 to 8 inches long. The skin is smooth, with an occasional net, and creamy white. The thick flesh is emerald green, melting and of a wonderfully delicious flavor, sweet as honey. The ripe melons can be kept in a suitable place for several weeks before using. In fact, they can be placed in cool storage and kept until Christmas. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Jenny Lind. A small, flat, very early sort, heavily netted and ribbed; green flesh; a good variety to plant for the first picking. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Mitchell's Delicious. This deservedly enjoys a good name; it is one of the large irregular pumpkin-shaped melons, with a smooth silver-gray rind. The flesh is very deep orange-salmon. 85c. per oz.; $\frac{1}{4}$ lb., \$2.75; \$10.00 per lb.

Mitchell's (Improved Strain) Rockyford. The outside is a light green, changing to a grayish color and well netted; flesh, light green. It is mostly all meat, with a very small seed cavity, and often weighs a pound and one-half to the fruit. Fine for the market garden. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.

FORCING MELONS

(English Varieties)

Forcing melons can be grown successfully outside in hotbeds. Sow seed in pots in March and transplant to hotbed when three leaves have developed; these will ripen fruit in June and July. For indoor use treat same as forcing cucumbers.

Blenheim Orange, Invincible-Scarlet, Windsor Castle. Each, per pkt., 25c.

Sutton's A1. In original packets, \$1.00 per pkt.

MELON NETS. For supporting forcing melons in greenhouses; made very strong, will last for a number of crops. \$2.00 per doz.; per 100, \$15.00.

MUSTARD

One ounce will sow a row 75 feet long. It makes a delicious green salad, pungent in taste, highly palatable and healthy. Sow every two weeks in rows the same as spinach. It must be used while young, as only then is it tender and mild. Fine winter greens if sown in a heated frame or greenhouse; also fine if served with lettuce for flavoring. The seed can be harvested if the plant is allowed to stand and used for other culinary purposes.

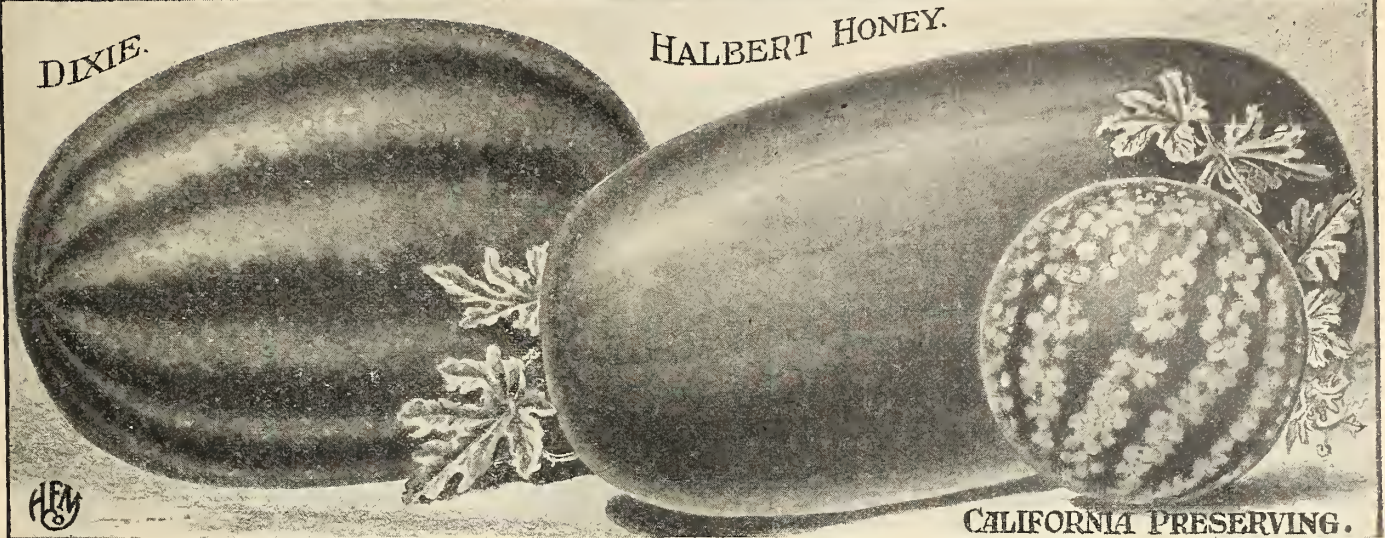
Southern Giant Curled.

Highly esteemed in the South for the market as well as the home garden; leaves light green, tinged with yellow and crimped and frilled at the edges. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 60c. per lb.

White or Yellow. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 60c. per lb.



Mustard—Southern Giant Curled



Melon d'eau (Fr.); Wasser Melone (Ger.); Melone d'aqua (Ital.).

One ounce will plant 30 hills, four pounds for an acre.

Plant in hills 10 feet apart each way or in drills 10 feet apart, dropping one seed every 3 feet. A little land plaster dusted over the young plants will keep beetles away. Watermelons require planting after soil has become thoroughly warm, say about May 10th in the latitude of Philadelphia. Our list of watermelons is limited, as we offer only the varieties which from experience are the better ones.

Note—Watermelon seed sent postpaid at prices quoted.

Dixie. This is one of the old-time favorites; roundish-long in shape; skin dark green, mottled light; the flesh is very sweet and ripens close to the rind. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

Halbert Honey. An ideal family garden or market melon. The long fruits with blunt ends are very large and weigh often 50 lbs.; the rind is very thin, dark green, while the flesh is a rich crimson. It tastes like a sugar stick, as it melts under the pressure of the tongue. It is very prolific and is altogether a first rater. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

Kleckley Sweets. A sweet one, to be sure, with a luscious tenderness all its own. It is not a shipping variety, as the rind sets too close to the ripe, fluffy, rich red meat, when in condition to use. The melons average about 20 inches long and ripen quite early. Our strain is grown from the originator's seed stock and we can recommend it highly. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

Tom Watson. A very handsome large fruit, frequently 2 feet long and 12 inches in diameter. The dark green rind is a contrast to the bright scarlet flesh which, by the way, is of splendid texture and flavor; the sugary meat melts in your mouth. Nothing can touch it in the melon line for shipping qualities. The rind being tough, it will resist plenty of abuse. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

PRESERVING MELON, OR CITRON

A large-fruited variety; pure white flesh and thin rind. This is expensive when bought, yet can be preserved by any energetic housewife, who will then also know it to be absolutely pure and good. It is planted like watermelon.

California Red Seeded. 10c. per oz.; 25c. per $\frac{1}{4}$ lb.; 75c. per lb.

Mangel-Wurzel or Cattle Beets

Seed selected from specimen roots.

Sow 5 lbs. per acre in April and May in thoroughly plowed, well manured soil, in drills 2 inches deep, about 24 inches apart. Thin out to stand 12 inches apart and keep the weeds down by frequent hoeing and cultivating. Low ground is best adapted for Mangel-Wurzels. They provide excellent winter food for cattle, sheep, hogs and poultry.



Michell's Mammoth Long Red and Golden Tankard Mangels

Golden Tankard. The best long yellow mangel in cultivation Relished by milch cows and sheep. Matures earlier than other large sorts. 5c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.; 5 lbs., \$2.25; \$4.00 per 10 lbs.

Lane's Improved White Sugar. This variety attains an enormous size, growing considerably above the ground; one of the best for stock feeding. 5c. per oz.; $\frac{1}{4}$ lb., 15c.; 40c. per lb.; 5 lbs., \$1.75; \$3.25 per 10 lbs.

Mammoth Long Red. This is an enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds. It is the best long red mangel. 5c. per oz.; $\frac{1}{4}$ lb., 15c.; 50c. per lb.; 5 lbs., \$2.25; \$4.00 per 10 lbs.

Red Globe. An excellent sort; very prolific; good for late planting. 5c. per oz.; $\frac{1}{4}$ lb., 15c.; 35c. per lb.; 5 lbs., \$1.50; \$2.75 per 10 lbs.

Note.—If mangel-wurzel is desired by parcel post, please allow 5c. per pound for mailing charges.

TESTIMONIAL

Yorktown Heights, N. Y., Aug. 6th, 1922.

Michell's good seeds and years of faithful service and efficiency has gained and maintained a great reputation for the House of Michell; customers are more than pleased at the promptness with which orders are filled.

With best wishes, W. E. V.

MICHELL'S MUSHROOM SPAWN

PURE CULTURE SPAWN

In Carton Form.

Every florist and market gardener should grow mushrooms as a side line; they are very profitable and always find a ready sale. There is always some space under greenhouse benches or in boiler houses where mushrooms will grow; they require no special conditions that a greenhouse man cannot give and with the use of carton or bottle spawn seldom fail.

SOMETHING NEW IN MUSHROOM SPAWN

We are now prepared to offer spawn that is made in quart milk jars under absolutely sterile conditions. The bottle and materials are sterilized under steam pressure of twelve pounds, so that every mold, seed or insect is destroyed and each bottle contains nothing but the pure spawn. Every particle is full run, covered with spawn grown direct from the spores, nature's own way of reproducing mushrooms. The cost is not much more than brick spawn considering how much further it goes; each jar contains enough for 30 to 40 square feet. The sterile spawn is dried thoroughly and each piece wrapped in tissue paper and contains full instructions, not only as to how the spawn should be used but all particulars about growing mushrooms. Anyone can order spawn and with it get the necessary knowledge to make growing it entirely successful. There is a rapidly increasing demand for fresh mushrooms, just as there is for hot-house tomatoes and other greenhouse products; the price is always good and markets are usually nearby.

PRICES TO FLORISTS AND COMMERCIAL GROWERS

Per carton.....\$0.85	25 cartons.....\$18.75
12 cartons.....9.50	60 cartons.....42.00



1. How spore spawn is made and prepared for sterilizing.

2. The spore product finished, ready for packing in cartons.

3. The wrapped spore spawn in round cartons where it will remain fresh almost indefinitely.

OKRA OR GUMBO

Gombo (Fr.); Ocher (Ger.); Ocra (Ital.).

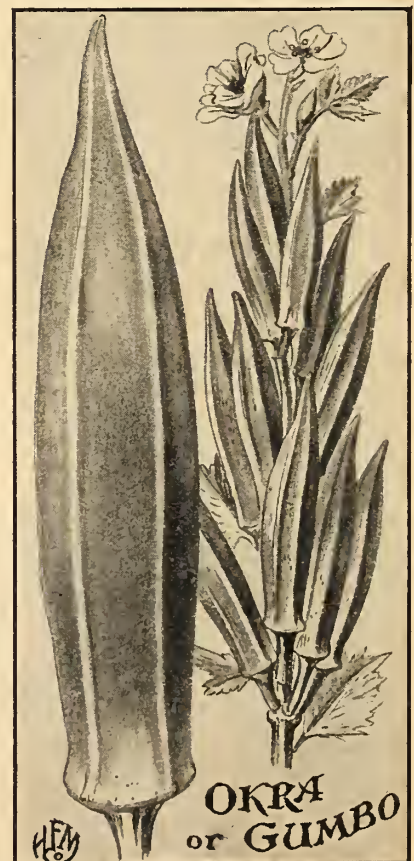
One ounce will plant a row about 100 feet long.

The seed is sown in rows 3 ft. apart thickly (in ground that is rich) after the frost and cold have disappeared; when about 6 inches high thin out to stand 6 inches apart in the row. The pod is used when young and tender sliced in soups and stews; what is not utilized during the summer may be harvested, cut in slices and dried in the sun; after being cured in this way it should be put on the pantry shelf for use during the winter.

Perkins' Long Pod (Improved Strain). A wonderful dwarf type, setting pods when only a foot high. It can be planted somewhat earlier than other sorts. The pods are exceedingly long and tender and of a dark green color. 5c. per oz.; 1/4 lb., 15c.; 45c. per lb.; 5 lbs. for \$2.00.

White Velvet or Creole. The pods of this variety are very free from ridges, being almost perfectly smooth; they are tender and very light green, almost white in color. 5c. per oz.; 1/4 lb., 15c.; 45c. per lb.; 5 lbs., \$2.00.

Prices quoted for Okra are postpaid.



PURE CULTURE BRICK SPAWN

If wanted by mail allow for postage at the rate of 10c. per brick.

A crop is produced with good spawn, a little care and patience in about 4 to 6 weeks, and continues in bearing about two months. New beds can be started at intervals which will give a supply the entire season. The first planting can be made in July, the last in March. Summer spawned beds do not bear well. Ask for our Free Booklet on Mushroom Culture. 1 Brick will spawn 8 to 10 sq. ft.

Direct No. 8. Cream White. For use from April to October.

Direct No. 9. Pure White. For use from October to April.

Per Brick.....\$0.30	Per 25 Bricks.....\$ 5.00
Per 5 Bricks.....1.25	Per 50 Bricks.....10.00
Per 10 Bricks.....2.10	Per 100 Bricks.....19.00
Per 1000 Bricks.....\$185.00	

MUSHROOM OR HOTBED THERMOMETERS

Heavy Galvanized Iron Point.....\$2.00
Brass Point Wood Case Paper Scale.....1.75

Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.

Wizard Brand Sheep Manure

Unequalled for vegetable growing. See 4th cover page.

MAKE A PROFIT SELLING MICHELL'S SEEDS

ORDER SHEET AND PRICE LIST



Date _____ 19__

Ship to
Your Name _____

Care of _____
P. O., Street, or
R. F. D. Address _____
Freight or
Express Address _____

County _____ State _____

Charge to _____

PLEASE NOTE—

To conform to modern business practice we have discontinued the consignment business. ALL MERCHANDISE IS SOLD ON AN OUTRIGHT BASIS ONLY; NOT RETURNABLE.

In order to make the sale and offering of our merchandise as attractive and profitable as we can, we suggest that our retail prices (as quoted in our current catalogs) be maintained as far as practicable and possible, except on such items as change in price.

SEND BY	MARK X Over the word designating method By which shipment is desired	FREIGHT	EXPRESS	BOAT	PARCEL POST	BAGGAGE MASTER	LOCAL EXPRESS
---------	--	---------	---------	------	----------------	-------------------	------------------

List of Vegetable Seeds Put up in 5c Retail Illustrated Lithographed Packets

Your cost is \$2.50 per 100; per 1000, \$22.50.

No. of Packets Wanted	No. of Packets Wanted	No. of Packets Wanted	No. of Packets Wanted
Beans, Bush Lima	Corn, Late	Okra	Ruta Baga, Purple Top
Beans, Green Pod	Corn Salad	Onion, Red	Yellow
Beans, Pole Lima	Cress, Garden	Onion, White	Sage
Beans, Wax Pod	Cress, Water	Onion, Yellow	Salsify
Beets	Cucumber	Parsley	Spinach
Brussels Sprouts	Cucumber, Gherkin	Parsley, Rooted	Squash, Crook Neck
Cabbage, Chinese	Dandelion	Parsnip	Squash, White Bush
Cabbage, Early	Egg Plant	Peas, Early	Summer Savory
Cabbage, Late	Endive	Peas, Late	Sweet Marjoram
Cabbage, Red	Kale	Pepper, Cayenne	Swiss Chard
Cabbage, Savoy	Kohl Rabi, Purple	Pepper, Large Sweet	Thyme
Carrot, Early	Kohl Rabi, White	Pumpkin, Cheese	Tomato, Early
Carrot, Late	Leek	Pumpkin, Crook Neck	Tomato, Golden Queen
Celery	Lettuce, Curled	Radish, Black Spanish	Tomato, Late
Celeriac	Lettuce, Head	Radish, Long Red	Tomato, Yellow Plum
Chicory, Witloof	Lettuce, Romaine	Radish, Long White	Turnip, Purple Top Flat
Citron, Preserving	Melon, Musk	Radish, Round Red	Turnip, Purple Top
Corn, Early	Melon, Water	Radish, Round White	White Globe
Corn, Golden Bantam	Mustard		Turnip, Yellow Globe

List of Vegetable Seeds put up in 10c Retail Illustrated Lithographed Packets

These Packets contain a greater quantity of seed than those Packets retailing for 5 cents.

Your cost \$5.00 per 100 Packets; per 1000 Packets, \$45.00.

No. of Packets Wanted	No. of Packets Wanted	No. of Packets Wanted	No. of Packets Wanted
Beans, Bush Lima	Corn, Early	Melon, Water	Radish, Long White
Beans, Pole Lima	Corn, Golden Bantam	Onion, Yellow	Radish, Round Red
Beans, Green Pod	Corn, Late	Onion, White	Radish, Round White
Beans, Yellow Pod	Egg Plant	Parsley	Salsify
Beets	Endive	Parsley, Rooted	Spinach
Cabbage, Early	Kale	Parsnip	Squash
Cabbage, Late	Kohl Rabi, White	Peas, Early	Swiss Chard
Carrot, Early	Leek	Peas, Late	Tomato, Early
Carrot, Late	Lettuce, Curled	Pepper, Cayenne	Tomato, Late
Celery	Lettuce, Head	Pepper, Large Sweet	Turnip, Purple Top
Celeriac	Lettuce, Romaine	Pumpkin, Cheese	White Globe
Cucumber	Melon, Musk	Radish, Long Red	

ALL PRICES SUBJECT TO CHANGE

HENRY F. MICHELL CO., 518-516 Market Street, Phila.

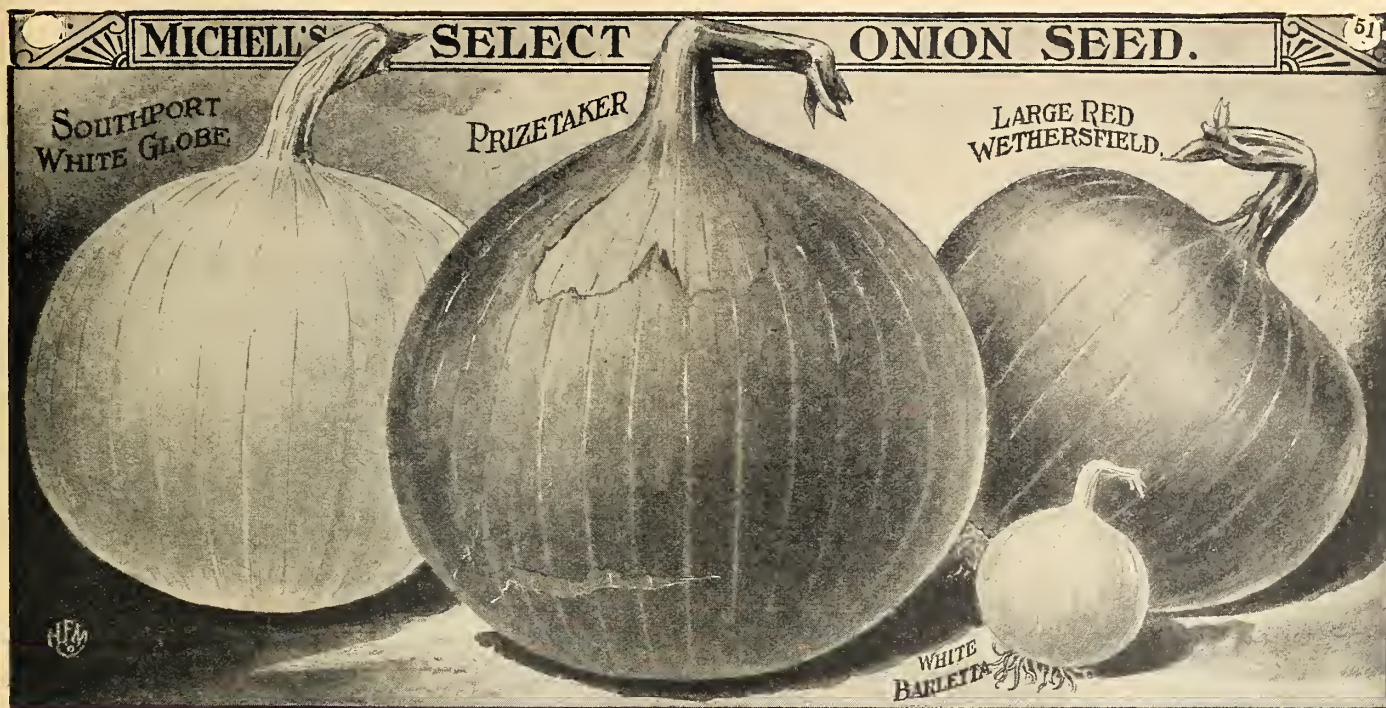
(See other side.)

Michell's Choice Spring and Summer Flowering and Decorative Bulbs

Quantity Wanted		Doz.	100	Quantity Wanted		Doz.	100
	CALLA, Elliottiana. Yellow.....	\$2.50	\$17.50		CALADIUM Esculentum. (Elephant's Ears)		
	“ Spotted Leaved.....	2.25	14.00		5- 7 inch bulbs.....	\$0.60	\$3.00
	CANNAS (Roots). Dwarf Mixed....	.60	4.00		7- 9 “ “	1.00	6.25
	“ Red.....	.65	4.00		9-11 “ “	2.00	12.50
	“ Pink	1.50	10.00		DAHLIAS. In Separate Colors not named.		
	“ Yellow .....	.65	4.00		Double White	\$1.50	\$10.00
					“ Pink	1.50	10.00
					“ Yellow	1.50	10.00
					“ Red	1.50	10.00



Consult our 1923 Catalog for Retail Prices for Above and Other Bulbs.



Ognon (Fr.); Zwiebel (Ger.); Cipolla (Ital.).

NOTE.—All seeds offered on this page mailed postpaid at quoted prices.

For full size onions, one ounce will sow a 100-ft. row; 5 to 6 pounds per acre. If it is desired to grow onion sets, sow 25 to 30 pounds per acre.

Sow in the early spring in rows 2 feet or less apart, according to cultivation methods employed. The seed should be firmed in the soil. If it desired to grow full size onions the first year, thin out when 3 inches high, so that they stand about 2 or 3 inches apart. White onions are mildest in flavor and are recommended for early use. The yellow sorts are best for winter keeping.

Ailsa Craig. The largest of all onions, often weighing three lbs. and over, each. In England it is the foremost variety, and will be seen there on exhibition during all vegetable shows. It is globe-shaped, slightly pointed at the top and base; the color is a beautiful straw yellow. To obtain best results sow seeds in the hotbed and later transplant it where it is to grow; in planting place 4 to 6 inches apart and thus procure gigantic specimens. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.; 5 lbs., \$13.75.

Bermuda White. An early variety, with an immense flat partially globe-shaped bulb, producing (when transplanted about 4 inches apart) gigantic onions the first season. In the raw state it is very mild, while when cooked, the flesh is tender and of a delicious flavor. For slicing it is one of the best. See illustration, page 30. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.; 5 lbs., \$16.25.

Danvers Yellow Globe. This almost round shaped onion is extensively sown by the market gardener on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to a large size. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.; 5 lbs., \$8.00.

Large Red Wethersfield. A flat, large-growing variety. Red onions are excellent winter keepers; flavor much like the yellow sorts; full size onions can be grown in one season. 20c. per oz.; $\frac{1}{4}$ lb., 70c.; \$2.25 per lb.; 5 lbs., \$10.00.

Prizetaker. A mammoth yellow variety; if sown thinly it produces full size onions in one season from seed, rivaling with the Bermuda varieties for size and flavor, often weighing 3 lbs., and more. 20c. per oz.; $\frac{1}{4}$ lb., 70c.; \$2.25 per lb.; 5 lbs., \$10.00.

Southport White Globe. A beautiful type of an almost round onion, growing to an enormous size. This is perhaps the best onion of all for family use. The flesh when cooked is of a rich milky color, of tender and delicious flavor, and in the raw state, it is one of the mildest. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.; 5 lbs., \$13.75.

Southport Yellow Globe. Similar to the Danvers except larger in size, more like the Prizetaker. This is one of the most uniform growing varieties, every bulb being almost perfectly round and of the same size; light straw colored skin. 20c. per oz.; $\frac{1}{4}$ lb., 70c.; \$2.25 per lb.; 5 lbs., \$10.00.

White Barletta. An extra early, small round variety, used principally for pickling. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.; 5 lbs., \$11.25.

Winter Keeper. A new round-shaped, yellow variety of good size; a wonderful keeper, lasting well into the summer. For market purposes it should prove to be a winner. 20c. per oz.; $\frac{1}{4}$ lb., 70c.; \$2.25 per lb.; 5 lbs., \$10.00.

White or Silver Skin. The standard white onion for market use; very mild flavor; semi-globe shaped; very uniform in growth and size. Oz., 25c.; $\frac{1}{4}$ lb., 85c.; lb., \$3.00; 5 lbs., \$13.75.

Yellow Strasburg (or Dutch). A dark straw color skinned sort, almost flat in shape, but a large onion. Its fine keeping qualities recommend it to the market gardener. For a yellow sort it is rather mildly flavored; for growing sets more of this variety is sold than any other; one of the best winter keepers. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.; 5 lbs., \$8.00.



ONION SETS

One quart to 50 foot row; 8 bushels per acre.

Plant just as soon as the ground can be worked. Press the bulb in the ground lightly (and do not cover), in rows 12 inches apart, 2 inches apart in the row; so that all the development goes in the onion, on signs of their going to seed, bend the top over, but do not break it off. They can be harvested in the locality of Philadelphia for winter storage as early as July 10th. The advantage in planting onion sets lies in the fact that the young onion is ready in 5 weeks from the time of planting, while those grown from seed cannot be used until well in the autumn.

Shipped on Local Orders about March 10, unless otherwise requested.

If by mail, add 5c. per pint and 10c. per quart for postage.

Yellow ..	Prices are usually established March 1st.	White Multiplier	Prices are usually established March 1st.
White ..		Potato Onions ..	
Red		Shallots	

Tree or Top Onions. Can be supplied in September and October. Garlic Sets. 25c. per lb.; 5 lbs., \$1.10.

We give 32 lbs. per bushel on Onion Sets, except Tree or Top Onions which are sold on basis of 28 lbs. per bushel.

MICHELL'S VEGETABLE SEEDS

All seeds offered on this page (not plants) mailed postpaid at quoted prices.

PARSLEY

Persil (Fr.); Petersilie (Ger.); Prezzemolo (Ital.).

One ounce will sow a row 100 ft. long.

The seed should be sown in rows 18 inches apart, and when 2 inches high thinned out so the plants will stand 4 inches apart in the row. It takes parsley seed from 3 to 6 weeks ordinarily to germinate, so that a little patience in growing this is necessary. Parsley can be continued over winter outdoors if given a heavy covering of long manure.

Champion Moss Curled. Beautifully crimped and curled. It can be cut the year round. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.00.

Double Curled or Covent Garden. A great improvement over all other varieties; a nicely curled leaf which has a tendency to retain its deep green color the entire season; the best variety for the market garden. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.00.

Hamburg or Rooted. The fleshy roots are used for flavoring soups, stews, etc. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.00.

PARSLEY PLANTS (Ready in April),

Large specimens; pot-grown, ready for use. 75c. per doz.; per 100, \$5.50.

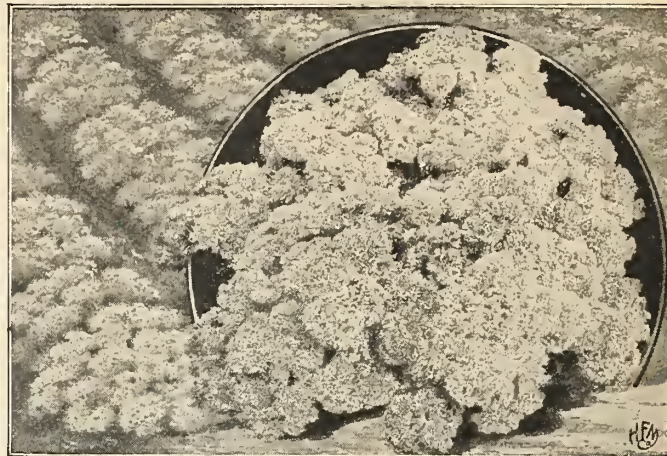
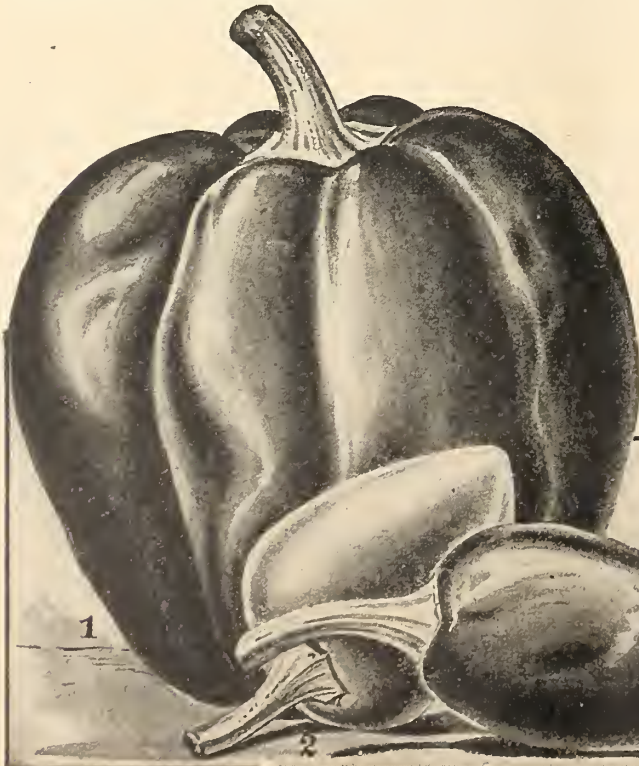
PARSNIP

Panais (Fr.); Pastinake (Ger.); Pastinaca (Ital.).

One ounce will sow a row 150 feet long; 5 lbs. per acre.

Sow early in the spring in drills about 24 inches apart, covering the seed slightly; when the plants are 2 or 3 inches high, thin out so the roots will develop; cultivate well during the growing season.

Improved Sugar or Hollow Crown. A very thick, broad-topped root, which makes it lift easily. Flesh is very fine grained and sweet, while the outer surface is smooth and almost white. It yields enormous crops. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.; 5 lbs., \$6.25.



Covent Garden Double Curled Parsley

PEPPER

Piment (Fr.); Pfeffer (Ger.); Peperone (Ital.).

One ounce will produce 1200 plants.

Sow the seed in a hotbed about March 1st. Transplant to the open when all danger from frost is over. Plant in rows 3 feet apart, 15 inches apart in the row.

Bell or Bull Nose. Very thick flesh; a great producer. The large fruits are green, turning to vivid scarlet; fine for slicing or stuffed as mangoes. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Cayenne. A long red variety; very hot and used principally for bunching with pot herbs. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.75 per lb.

Chinese Giant. A monster pepper; perfectly sweet, green fruit, turning to bright scarlet; matures very late; a very shy seeder. Fine for stuffed mangoes. 50c. per oz.; $\frac{1}{4}$ lb., \$1.75; \$6.00 per lb.

Golden Dawn. A large yellow variety, shaped like the Chinese Giant; very sweet. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.

Neapolitan. Early; large size; mild flavor; bright red when ripe. See illustration and full description on page 30. 25c. per oz.; $\frac{1}{4}$ lb., 90c.; \$3.25 per lb.

Pimiento. A splendid, uniformly shaped, sweet variety. Green fruit, changing to red when fully ripe. 35c. per oz.; $\frac{1}{4}$ lb., \$1.25; \$4.50 per lb.

Ruby King. A large red variety resembling Bull Nose. 25c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Ruby Giant. Very large; adapted for stuffing; mild flavor; large green fruits turning vivid scarlet. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.

World Beater. This appears to be identical with Ruby Giant, or is so similar that it might be termed a slight improvement. Choice seed grown in New Jersey. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.

PEPPER PLANTS (Ready in May)

Pot Grown Plants. 75c. per doz.; per 100, \$5.50.



PEPPERS. 1—Chinese Giant. 2—Pimiento. 3—Cayenne.

ALL PRICES SUBJECT TO MARKET CHANGES

(ow)

Pois (Fr.); Erbsen (Ger.); Pisello (Ital.)

2 lbs. will plant 100 ft. of row; 90 to 120 lbs. per acre.

If peas are wanted by mail, allow for postage.

The smooth seeded varieties can be sown as soon as the ground can be worked; the wrinkled sorts when the ground has become warmer. The distance for planting apart depends somewhat on the variety. To have a continuous crop, sow weekly up to June 15th, and again, about August 15th. For the last planting, 60 days before frost, using the dwarf early varieties.

EXTRA EARLY VARIETIES

Alaska. Smooth seeded, very early; height, 2½ feet. 25c. per lb.; 2 lbs., 45c.; \$1.10 for 5 lbs.; 10 lbs., \$2.10; \$4.50 for 25 lbs.; 100 lbs., \$16.00.

Ameer. A very large podded early variety, following the Alaska; a heavy cropper of dark green pods; height 3 feet. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.75 per 25 lbs.; 100 lbs., \$18.00.

Dandy Extra Early. This is a selection of the Eureka, but will be found far superior; smooth seeded, very prolific and desirable for the market garden; height 24 inches. 25c. per lb.; 2 lbs., 45c.; \$1.10 for 5 lbs.; 10 lbs., \$2.10; \$4.50 for 25 lbs., 100 lbs., \$14.00.

Early Eight Weeks. One of the earliest dwarf peas in cultivation; a large yielder; medium sized pods, well filled with luscious peas; height, 12 to 15 inches. For illustration and full description, see page 30. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.25; \$5.25 per 25 lbs.; 100 lbs., \$19.00.

Early June. A green seeded smooth pea, desirable for first planting, an improvement on Alaska; height, 2½ feet, 25c. per lb.; 2 lbs., 45c.; \$1.10 for 5 lbs.; 10 lbs., \$2.10; \$4.50 for 25 lbs.; 100 lbs., \$14.00.

Early Morn. One of the earliest of wrinkled peas, earlier and better, it is claimed, than Gradus or Thos. Laxton. The pods are large and well filled; matures in 60 days; very prolific; height 3 feet. 30c. per lb.; 2 lbs., 55c.; \$1.30 per 5 lbs.; 10 lbs., \$2.35; \$5.25 per 25 lbs.; 100 lbs., \$19.00.

Gradus or Prosperity. Never was there a pea offered which is so greatly demanded as this very early sort. It is exceedingly luscious, wrinkled and a producer of gigantic pods and peas; height, 36 inches. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$5.00 per 25 lbs.; 100 lbs., \$19.00.

Laxtonian. An extra fine early, dwarf sort; pods are large and well filled with peas of extra fine quality; height, 18 inches, 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.25; \$5.00 per 25 lbs.; 100 lbs., \$17.50.

Little Marvel. Wrinkled; dwarf, 18 to 20 inches; prolific and sweet. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.25; \$5.00 for 25 lbs.; 100 lbs., \$17.50.

Mitchell's Special Extra Early. Of the smooth seeded sorts this is the peer. Extremely early, lusciously sweet and very tender; a great yielder; height, 24 inches. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.00 per 25 lbs.; 100 lbs., \$13.00.

Nott's Excelsior (Improved Strain). A splendid early wrinkled pea, producing heavy crops of full pods very early. One of the leading varieties for the market garden. Height, 15 inches. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.75 per 25 lbs.; 100 lbs., \$18.00.

Sutton's Excelsior. This wrinkled variety is quite hardy and can be planted earlier than most other wrinkled sorts; very early. It grows about 16 inches high and produces a long broad pod, well filled; it follows the extra early sorts and is a great producer. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.75 per 25 lbs.; 100 lbs., \$17.50.

The Pilot or Leader. The earliest of round seeded varieties. The pods and peas are nearly as large as those of Gradus. It can be planted, of course, much earlier. The vines are of vigorous growth, 3 feet high and produce an abundance of pods. The peas are of finest flavor. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.75 per 25 lbs.; 100 lbs., \$17.50.

Thos. Laxton. On a par with Gradus in quality; heavy producer; wrinkled; exceedingly early. The pods are large and filled to the tip with large peas of excellent flavor. Its strong vine and heavy cropping qualities make it very suitable for an early crop in the market garden; height, 36 inches. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$5.00 per 25 lbs.; 100 lbs., \$19.00.

Make Your Garden Pay by using Wizard Brand Sheep Manure, the ideal fertilizer for vegetables.

SECOND EARLY VARIETIES

Bliss Abundance. Produces very large pods containing six and more peas of a delicious flavor; a great yielder; wrinkled; height, 20 inches. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.50 per 25 lbs.; 100 lbs., \$14.00.

Daisy or Dwarf Telephone. One of the best medium early sorts, bearing heavy pods in great abundance; wrinkled and very sweet; height, 18 inches. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.75 per 25 lbs.; 100 lbs., \$17.50.

Long Island Mammoth. Largely in use among private and market gardeners; it yields handsome large peas, which are very tender; height, 3½ feet. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.75 per 25 lbs.; 100 lbs., \$17.50.

Potlatch. A wrinkled variety, similar to Daisy; very sweet; produces pods well filled with peas. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.75 per 25 lbs.; 100 lbs., \$17.50.

Yankee Prince. A large podded wrinkled sort; heavy yielder; pods often measure 6 inches in length, and well filled with large peas of delicious flavor; height, 4 feet. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.25; \$5.00 per 25 lbs.; 100 lbs., \$17.50.

LATER CROP VARIETIES

Champion of England. A very tall rank grower, but a wonderful yielder of delicious quality peas; seed wrinkled; height, 5 feet. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.75 per 25 lbs.; 100 lbs., \$17.00.

Dwarf Champion. Possesses most all of the good qualities of the famous Champion of England and has the further advantage of being dwarf; a very delicious pea which should be planted extensively; height, 2 feet. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.50 per 25 lbs.; 100 lbs., \$14.00.

Tall Telephone. The finest late wrinkled pea grown; exceedingly sweet; an abundant producer; height, 3½ feet. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.75 per 25 lbs.; 100 lbs., \$16.50.

SUGAR OR EDIBLE POD PEAS

This type produces large, well-filled pods. They are cooked with the peas intact; very tender and exceedingly sweet. We do not recommend this as a market variety.

Dwarf Gray Sugar. Gray seed; height, 2 feet. 25c. per lb.; 2 lbs., 45c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.75 per 25 lbs.; 100 lbs., \$17.50.

Tall Melting Sugar. Height, 4 feet. 30c. per lb.; 2 lbs., 55c.; \$1.30 per 5 lbs.; 10 lbs., \$2.40; \$5.50 per 25 lbs.; 100 lbs., \$20.00.

INOCULATING BACTERIA FOR PEAS

This is a bacteria designed to make legumes to which family of plants peas belong, more prolific in growth and production; also increasing the fertility of the soil in which they are planted.

When ordering, be sure and specify wanted for peas, as each leguminous crop requires a separate culture.

	Garden size (¼ acre)	Acre size
Farmogerm	\$0.50	\$1.00
Mulford Germ	.75	1.50
Standard Bacteria	.50	.75



Pea
Thos. Laxton

MICHELL'S MAINE-GROWN SEED POTATOES

Pomme de Terre (Fr.); Kartoffel (Ger.); Patata (Ital.).
Our Potatoes are Grown Expressly for Seed Purposes in the Best Districts of Maine

Plant 12 to 14
Bushels per Acre



TIME OF SHIPMENT.—Potato shipping with us commences about March 15th (weather permitting), unless otherwise requested. We can ship them at customer's risk any time during cold weather.

Our potatoes are put up in barrel sacks of 165 lbs. each. Shipment in barrels can be made at a cost of 75c. each for barrels.

Beats Them All (Michell's). This famous variety has given the best results wherever tried, yielding more than any other early potato; quality fine; extremely early, coming in about one week or ten days earlier than Early Rose. Oblong in shape.

Bliss Triumph or Red Bliss. A very early thin-skinned variety; they are frequently offered as Southern or Bermuda grown.

Dibble's Russet. A splendid late variety; medium size, flat and roundish in shape; quite immune to attacks of blight, etc.

Early Rose (Houlton or Maine). A leading variety for earliness, quality and productiveness; pink skin; oblong shape.

Gold Coin. Late roundish-flat variety; a heavy yielder; large.

Green Mountain. General crop variety; white; roundish flat.

Irish Cobbler. One of the earliest varieties; a splendid sort; almost round in shape; heavy producer.

Jersey Redskin. For late planting in July, doing especially well in light sandy soil.

State of Maine. An old favorite, grown by every gardener; good keeper; flat in shape.

POTATO SCAB DESTROYER (A Formaldehyde)

Dilute 1 quart in 25 gallons of water and soak the seed potatoes in this solution for 2 hours before cutting. They should then be taken out and dried; 25 gallons treating liquid is sufficient for approximately 15 bushels of potatoes. Price: 75c. per pint, (cannot be sent parcel post).

PEANUTS

Arachide (Fr.); Erdnuss (Ger.); Cece de terra (Ital.)
One bushel nuts unshelled will plant an acre, but shell must be removed beforehand.

It is generally believed peanuts cannot be grown anywhere north of Virginia, but this is a mistake; most any well-drained garden soil suits them, where they will yield a big crop. The peanut plant rather enriches the soil instead of impoverishing it, as it is an abundant gatherer of free nitrogen.

Selected Virginia. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.25.

PENNYROYAL (Herb)

25c. per ½ oz.; per oz., 40c.; \$1.50 per ¼ lb.; lb., \$5.00.

REGARDING POTATO PRICES

At the time of printing this catalog prices for potatoes could not be anticipated. We can, however, assure our customers that we will fill their orders at a reasonable price for first-class quality. Please do not compare Maine-grown Seed Potatoes, which we handle exclusively, with New York State grown stock.

There are more varieties of Seed Potatoes than those we offer, but those listed here are tried and proved.

HYBRIDIZED POTATO SEED

This seed will produce innumerable new kinds, colors, shapes, sizes and qualities. The product will astonish you. Some may be of immense value. This is worth trying. Pkt., 10c. 50c. per 6 pkts.

SWEET POTATO PLANTS (Ready in May)

Red Nansemond... Price on Application.
Yellow Nansemond

Sweet Potato plants are shipped at buyer's risk and not less than 100 of a variety can be supplied.

Please note that we cannot furnish tubers of seed Sweet Potatoes.

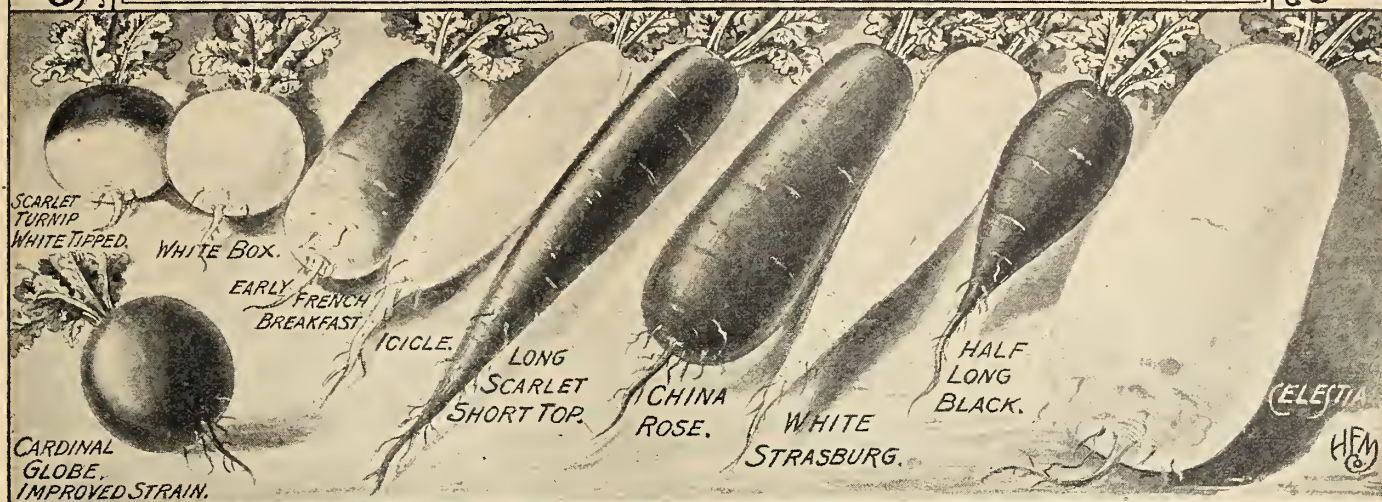
CONCAVE POTATO KNIVES

For cutting out the eyes of seed potatoes prior to planting. Made of the best steel with concave blade. 30c. each (postpaid, 35c.).



Pumpkin, Winter Luxury

(For list of varieties of Pumpkins, see page 55.)



Radis (Fr.); Radies (Ger.); Ravanelli (Ital.)

One ounce of seed will sow a row 75 feet long; 8 to 10 lbs. are required for an acre.

Radishes should be sown in good rich ground, where they can make rapid growth, for then only do they produce the best results. The winter radishes are sown in July and are developed by autumn, at which time they may be taken up and stored in cool cellars and covered with sand.

EARLY VARIETIES

Cardinal or Scarlet Globe (Improved Strain). One of the best forcing varieties; of perfect globular shape, and brilliant cardinal red color. 10c. per oz.; ¼ lb., 30c.; 85c. per lb.; 5 lb., \$3.75, \$6.50 per 10 lbs.

Early French Breakfast. Oblong shape; rapid grower; very mild and tender; brilliant scarlet, tipped with white. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25; \$6.00 per 10 lbs.

Early Scarlet Globe (Special Forcing). A popular variety for hot-bed or greenhouse forcing; also valuable for outdoor planting; very early, crisp and mild. See illustration and full description on page 31. 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.; 5 lbs., \$6.00; \$11.00 per 10 lbs.

Icicle (Improved Strain). A white variety of fine taste; grows 3½ to 4 in, long in 22 days. Suitable for forcing or for growing outside. Our stock of this is grown from carefully selected roots and is unusually good. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25; \$6.00 per 10 lbs.

Long Scarlet Short Top or Salmon. A favorite variety; long, bright scarlet, with small top. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.25 per 10 lbs.

Round Red Forcing or Button. Very quick in maturing; splendid for hot-bed or garden culture. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25; \$6.00 per 10 lbs.

EARLY VARIETIES—Continued

Scarlet Turnip, White Tipped. A fine early scarlet variety with white tip. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25; \$6.25 per 10 lbs.

White Box, Felton's (Private stock). A selection of the old reliable White Box radish; more perfect form, producing shorter tops and does not have a tendency to grow long in shape. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25; \$6.00 per 10 lbs.

SUMMER AND WINTER VARIETIES

Celestial or White Chinese. Large size; pure white; it is also an excellent keeper. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25; \$6.00 per 10 lbs.

China Rose. Bright rose color; flesh firm. One of the best for winter use. Half-long in shape, with a scarlet blunt tip. 10c. per oz.; ¼ lb., 30c.; \$1.00 per lb.; 5 lbs., \$3.75; \$6.50 per 10 lbs.

Half Long Black. A great improvement on the old Long Spanish Radish, which variety we have discontinued in favor of this one. 10c. per oz.; ¼ lb., 20c.; 60c. per lb.; 5 lbs., \$2.75; \$5.00 per 10 lbs.

White Strasburg. Oblong, of a pure white color, and mild flavor; a splendid variety for summer. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25; \$6.00 per 10 lbs.

PUMPKIN

Potiron (Fr.); Kurbis (Ger.); Zucca (Ital.)

One ounce will plant 25 hills; 4 to 6 lbs. for an acre.

Plant any time after the ground has become permanently warm, about four seeds to the hill; the latter to be about 8 feet apart each way. To obtain strong vines they may be pinched back somewhat, and if large specimens are desired, leave but one or two pumpkins on a vine. Do not plant near other vine crops as they may hybridize the latter and spoil the taste; they can also be planted among corn after the last cultivating.

Cashaw or Golden Crook Neck. A very meaty sort suitable for pie or stock feeding purposes; flesh golden yellow and very tender. 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.

Connecticut or Common Field. Almost round; fruits produced in abundance; flesh coarse and suitable only for stock feeding; color, light yellow. 10c. per oz.; ¼ lb., 35c.; \$1.00 per lb.

Japanese Pie. A crooked-necked variety; deep green with darker stripes, which turn to a rich golden yellow. The fruit sets and matures early. The name given to it is derived from the seed, which is curiously marked like Japanese letters of the alphabet. 15c. per oz.; ¼ lb., 50c.; \$1.50 per lb.

Large Cheese. A very large, flat ribbed fruit, of a beautiful buff yellow color; the interior is of fine quality. An enormous producer; ideal for the market, home gardens and canning purposes. 10c. per oz.; ¼ lb., 35c.; \$1.00 per lb.

NOTE—All seeds offered on this page are mailed postpaid at prices quoted

Large Tours or Mammoth. The biggest pumpkin in cultivation, producing fruits that often weigh 200 lbs. When fully ripened it is of a golden orange color, free from stringiness and ideal for pie-making or cooking. 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.

Tennessee Sweet Potato. An oblong-shaped, medium-sized variety with a very light buff yellow skin. For pies it is delicious, while for cooking for table use it is dry and tasty, resembling the flavor of mashed sweet potatoes. 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.

Winter Luxury. (See illustration on page 54.) Known as the New England pie pumpkin. No Thanksgiving dinner is complete without the palatable pumpkin pie, made from this variety. The skin is a russet yellow, while the flesh is golden orange when ripe. 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.

SQUASH FOR PIE MAKING

The Boston Marrow and Hubbard Squashes offered on page 57 are extensively sold for pie making, in fact many people refer to them as pumpkins instead of squash.

MICHELL'S VEGETABLE SEEDS



RHUBARB is a crop that should be in every market garden and truck patch. It cares for itself and always returns a good profit

RHUBARB

Rhubarbe (Fr.); Rhabarber (Ger.); Rabarbaro (Ital.)

Seed should be sown outdoors in April in rows 3 ft. apart. The following spring the roots should be transplanted into permanent beds and placed 3 feet apart each way; the year following that or two years after sowing the seed, the rhubarb may be used. Roots may be planted in October or in the spring up to May 15th.

Victoria. Immense long stalks of a cherry red color, which cook splendidly; have no strings or coarse matter. The most popular variety. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.; 5 lbs., \$7.00.

RHUBARB ROOTS

(Ready from October to May 15th)

Victoria First Size Roots. 85c. per doz.; per 100, \$5.00; \$45.00 per 1000.

Victoria Extra Large Roots. For forcing or outdoor planting. \$2.50 per doz.; per 100, \$18.00.

ROSEMARY (Herb)

35c. per $\frac{1}{2}$ oz.; oz., 60c.; \$2.00 per $\frac{1}{4}$ lb.; lb., \$7.00.

RUTA BAGA

Private Stock Purple Top Yellow. This is the perfect ideal Ruta Baga. Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Our strain of Ruta Bagas is grown from carefully selected roots and will be found highly satisfactory. 10c. per oz.; $\frac{1}{4}$ lb., 20c.; 65c. per lb.; 5 lbs., \$3.00; \$5.50 per 10 lbs.

SAFFRON (Herb)

15c. per $\frac{1}{2}$ oz.; oz., 25c.; 85c. per $\frac{1}{4}$ lb.; lb., \$3.00.

SAGE (Herb)

30c. per $\frac{1}{2}$ oz.; oz., 50c.; \$1.75 per $\frac{1}{4}$ lb.; lb., \$6.00.

SALSIFY (Oyster Plant)

Salsifis (Fr.); Hafer Wurzel (Ger.); Salsefia (Ital.)

One ounce of seed will sow about 50 ft. of drill. 10 lbs. per acre.

Sow in early spring, in drills 15 inches apart and 1 to 2 inches deep; when about 4 inches high, thin out. Soil should be very deep and mellow in order that the root may grow straight down. Store same as carrots for winter use, or they can be left in the ground until spring. This is one of the finest vegetables stewed and served with a cream dressing, while if sliced or made into cakes and fried like parsnips, they taste like a delicious oyster.

Mammoth Sandwich Island. This variety is of enormous size, twice as large as the ordinary white; pure white, very tender and delicious. 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.00 per lb.; \$9.00 for 5 lbs.

SAVORY (Herb)

Summer. 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.25 per lb.

Winter. 20c. per $\frac{1}{2}$ oz.; oz., 35c.; \$1.15 per $\frac{1}{4}$ lb.; lb., \$4.00.

SHALLOTS (See page 51)

NOTE.—All seeds offered on this page are mailed free at price quoted.

SORREL

Oseille (Fr.); Sauerampfer (Ger.); Acetosa (Ital.)

Large leaved. Relished principally by the French people, who use it as a spinach dressing, also as a salad. Has an acid flavor. A sowing lasts several years. Being hardy, the seed stalks should be cut off when they appear. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.



Spinach, Bloomsdale Savoy

SPINACH

Epinard (Fr.); Spinat (Ger.); Spinaccio (Ital.)

One ounce will sow a row about 75 feet long; 10 to 12 pounds are required for an acre. Sow for spring use in drills one foot apart (covering the seed about one-half inch) as early as the ground can be worked, and continue to sow every two weeks till May 15th. Spinach seed seldom germinates during June, July or August, so we do not recommend sowing again until September, which is the season to provide for an early winter and spring crop. On the approach of cold weather cover with long manure, salt hay or other suitable litter. For a supply of spinach during summer, the New Zealand variety is sown in April or May. Spinach can also be grown successfully under hot bed sash.

Bloomsdale Round Seeded Savoy. The hardest variety; curled and crimped thick, fleshy leaves; the best for early spring and fall sowing. 5c. per oz.; $\frac{1}{4}$ lb., 15c.; 40c. per lb.; 5 lbs., \$1.75; \$3.00 for 10 lbs.; 25 lbs., \$6.75; \$25.00 per 100 lbs.

Long Season. A cross between Bloomsdale and the Victoria. It produces tremendously large plants and leaves, which are strong and robust; remains a long time without shooting to seed. The leaves are somewhat curled and are tender. Color, a beautiful dark green. 5c. per oz.; $\frac{1}{4}$ lb., 15c.; 45c. per lb.; 5 lbs., \$1.90; \$3.50 per 10 lbs.; 25 lbs., \$8.00; \$30.00 per 100 lbs.

Market Gardeners (New). An improvement on all other varieties; leaves broad, heavy and of a dark green glossy color; very slow to run to seed, and of excellent quality. For illustration and full description, see page 31. 75c. per lb.; 5 lbs., \$3.25; \$6.00 per 10 lbs.; 25 lbs., \$13.75; \$25.00 per 50 lbs.; 100 lbs., \$45.00.

New Zealand. This variety endures heat and drought; excellent for summer use; the leaves are small and thick. It is an enormous yielder, growing upright; one sowing can be picked from the entire summer. A very distinct variety and not generally grown for the market. 10c. per oz.; $\frac{1}{4}$ lb., 20c.; 50c. per lb.; 5 lbs., \$2.25.

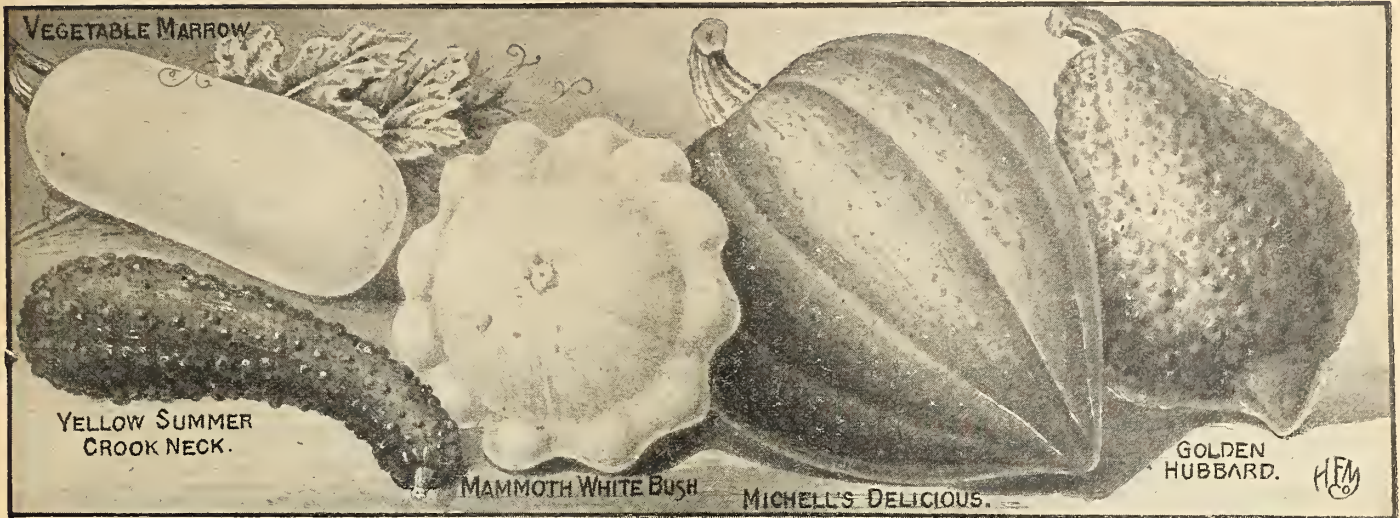
SWEET BASIL (Herb)

15c. per $\frac{1}{2}$ oz.; oz., 25c.; 85c. per $\frac{1}{4}$ lb.; lb., \$3.00.

SWEET MARJORAM (Herb)

15c. per $\frac{1}{2}$ oz.; oz., 25c.; 85c. per $\frac{1}{4}$ lb.; lb., \$3.00.

NOTE.—All seeds offered on this page are sent postpaid at prices quoted.



SQUASH

Courge (Fr.); Kurbis (Ger.); Zucca (Ital.)

One ounce will plant 20 to 50 hills, 3 to 4 lbs. for an acre.

This vegetable is a popular one both for summer and winter use; being susceptible to cold it should not be planted until the ground is thoroughly warm. There are two varieties, the bush sort, being planted in hills 4 to 5 feet apart each way; the running varieties require planting 8 to 15 feet apart in order that the fruits may develop properly. Place 8 to 10 seeds in a hill, and when the third stage of leaves is set, thin out to about 4 plants in a hill. Some varieties, it will be noted, are ideal for pie-making, more delicious than some of the pumpkins.

SUMMER VARIETIES

Cocozelle. This is a bush variety with smooth fruits, dark green in color, striped deeper. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.; 5 lbs., \$6.25.

Golden Custard. A flat scalloped type, like the White Bush; the skin is a light yellow color and very thin, leaving plenty of meat in the centre; a bush or compact growing kind. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25.

Mammoth White Bush. Of round scalloped form with an ivory white skin. This variety has an abundance of meat of very fine flavor. It is one of the earliest to mature and is very prolific, bearing continually until killed by frost. 10c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.00 per lb.; 5 lbs., \$4.50.

SUMMER SQUASH (Continued)

Yellow Summer Crook Neck. Shaped like a club with a bent neck. The skin is very rough and warted, of an orange yellow color. Much preferred by housewives on account of its very dry meat when boiled. This is a variety with a running vine. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$5.50.

FALL AND WINTER VARIETIES (Running Sorts)

Boston Marrow. Shaped similar to Hubbard; golden orange; fine for canning for winter use, cooked as a vegetable or in pie. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.25.

Delicious. Well named, as it has the finest flavor of any squash; of oblong shape with a deep green skin and thin rind, with a seed cavity so small that it almost meets in the centre. One of the best winter keepers; grown extensively for market; when matured it weighs from 5 to 10 lbs. and is in its prime during the early winter; one of the very best. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$5.50.

Golden Hubbard. Used extensively for pie, but served as a vegetable, it is very dry and delicious. The outside is a deep orange red, while the flesh is very tender. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$5.50.

Vegetable Marrow. A long, greenish white variety; fine for cooking; very sweet and tender. This is the favorite squash with the English people. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.; 5 lbs., \$7.00.

SWISS CHARD (Spinach Beet)

Poire (Fr.); Mangold Kohl (Ger.); Bieta (Ital.)

One ounce will sow a row about 50 feet long.

A wonderful vegetable which is known but too little. From every possible standpoint it has qualities that recommend its use in every household. Readily grown from seed when it can be used five weeks after sowing and is a continuous crop until killed by frost. The plant does not produce a beet root, but its valuable part is all above the ground; large leaves with broad ribs grow from the centre of the plant; the outer leaves only should be carefully pulled from the plant and the foliage part separated from the rib in preparing to cook. The former when cooked is served like spinach, which it resembles in taste; the ribs when boiled and served with melted butter are the equal of the finest asparagus. Not generally grown for the market, but we believe with the right introduction it would become a ready seller.

Giant Lucullus. Very tall growing; crinkly leaves often two feet long; an enormous yielder. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 80c. per lb.; 5 lbs. for \$3.50; \$6.00 per 10 lbs.

THYME (Herb)

French Broad Leaved Summer. 35c. per $\frac{1}{2}$ oz.; oz., 60c.; \$2.00 per $\frac{1}{2}$ lb.; lb., \$7.00

TOBACCO SEED

Many people like to have a few plants of this in the garden. It attracts butterflies. The flower is very sweet scented, while the leaves may be dried, cured and made into smoking tobacco and cigars. Sow in a box indoors, transplanting when about 3 inches high in thumb pots and set outdoors in May.

	Pkt.	$\frac{1}{2}$ Oz.	Oz.
Connecticut Seed Leaf.....	\$0.10	\$0.30	\$0.50
Havana.....	.10	.30	.50
Pennsylvania Seed Leaf.....	.10	.30	.50



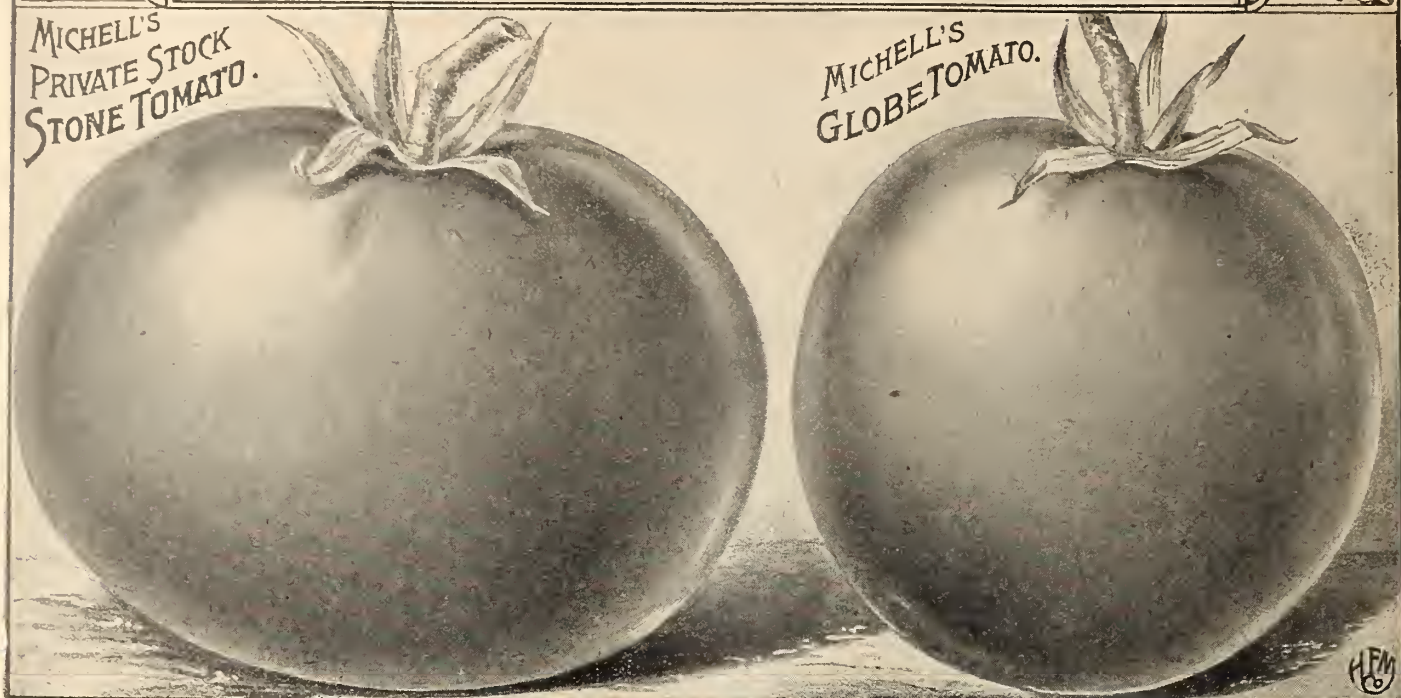
Giant Lucullus Swiss Chard

ALL PRICES SUBJECT TO MARKET CHANGES

(ow)

MICHELL'S
PRIVATE STOCK
STONE TOMATO.

MICHELL'S
GLOBE TOMATO.



Pomme d'Amour (Fr.); Liebsapfel (Ger.); Pomo d'oro (Ital.).

One ounce will produce 3500 plants; $\frac{1}{4}$ lb. will produce enough for an acre.

Sow in the house or hotbed about March 1st, transplant when 3 inches high, and again later to produce vigorous specimens. Set plants outdoors as soon as danger from frost is over 3 feet apart, 18 inches in the row or in hills 4 feet apart each way. Properly grown tomato plants should be supported. **NOTE.**—All seeds offered on this page mailed free at prices quoted.

Beauty. One of the largest bright red tomatoes; solid and meaty; quite early. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

Bonny Best. One of the most prolific of early tomatoes. The size is not so large, but it is very solid and evenly formed. Color, bright red. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

Chalk's Early Jewel. A favorite variety with the market gardener. Color, bright red; solid and a good shipper. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

Crackerjack (Michell's). This is one of the best early tomatoes for the home garden; its productiveness is wonderful; quite free from acid and of a convenient size. Color, rich red and produced in clusters. Be sure and try it if you have not already done so. 40c. per oz.; $\frac{1}{4}$ lb., \$1.35; \$5.00 per lb.

Dwarf Champion. A distinct type; the plant looks like a miniature tree; very dwarf and compact; color of fruit, bright red and very solid; late maturer. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.

Dwarf Stone. A dwarf compact growing plant, yielding a large crop of medium-sized, very solid tomatoes. Color, bright red. The plant is very distinct and upright; late cropper. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.

Earliana (Spark's). The most prolific early tomato ever produced. Grows in clusters; medium in size; solid and very desirable. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

Golden Queen. Large yellow fruit; very sweet, almost free from acid; splendid for preserving. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.50 per lb.

Greater Baltimore. A main crop variety; fruit large and of a brilliant red color; ripens evenly to the stem. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.

John Baer. The very first tomato to fruit in the garden; plants dwarf; fruit of medium size, red and very uniform. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

Livingston's Globe. One of the largest and heaviest of the late tomatoes on our list; the shape is rather oblong so that for slicing it cuts more from a fruit than any other variety; absolutely smooth, never cracks and colors right to the stem. 35c. per oz.; $\frac{1}{4}$ lb., \$1.15; \$4.00 per lb.

Matchless. Large red fruit; a general crop variety. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

Michell's Early Red Wonder. The fruits are fairly large, very solid and of a beautiful red color; very uniform in shape. For illustration and full description see page 31. 40c. per oz.; $\frac{1}{4}$ lb., \$1.35; \$5.00 per lb.

Ponderosa. The largest tomato in existence; a beautiful purplish pink. 45c. per oz.; $\frac{1}{4}$ lb., \$1.50; \$5.50 per lb.

Red Rock. One of the most solid varieties; medium early and of a brilliant red color; a fine one for the market garden. 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.25 per lb.

Stone (Michell's Private Stock). A very careful selection of the old favorite Stone. The fruits are larger, more even, and produced in greater abundance. 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.25 per lb.



FORCING TOMATOES

	Oz.	$\frac{1}{4}$ lb.	Lb.
Best of All	\$0.45	\$1.40	\$5.00
Comet	.40	1.35	5.00
Eclipse (Original pkts.)	\$0.75		

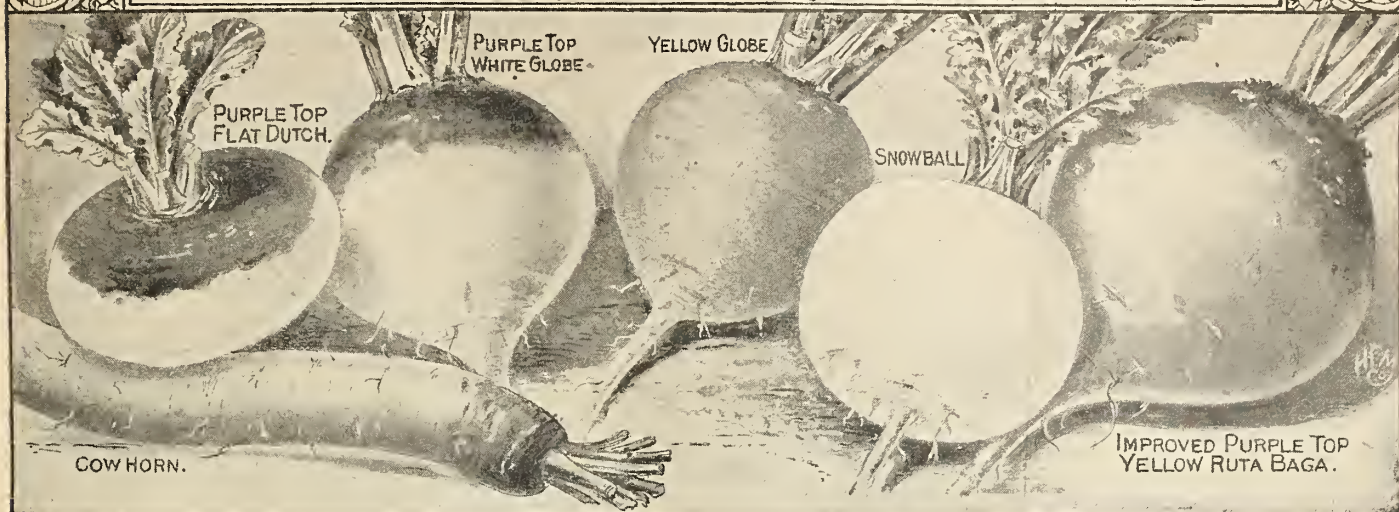
Small Fruited Tomatoes

	$\frac{1}{2}$ Oz.	Oz.
Red Cherry...	\$0.25	\$0.45
Red Peach	.25	.40
Yellow Plum	.25	.45
Strawberry or Husk	.25	.45

TOMATO PLANTS

	Doz.	100	1000
Pot Grown	\$0.65	\$4.50	\$42.50

Price on Hotbed Grown Tomato Plants upon application.



Herbst Ruben (Ger.); Navet (Fr.); Navone, Rapa (Ital.). One ounce of seed for 100 feet of drill; 2 lbs. per acre, broadcast.

For early use sow as soon as the ground can be worked in the spring. Turnips in drills 14 inches apart; Ruta Bagas 30 inches. As the seed is fine it should be covered but slightly, except in very dry weather. Do not sow too thickly, so the roots can develop. For fall and winter use sow Turnips broadcast from the middle of July to the middle of August, and Ruta Bagas in drills in August.

NOTE.—All seeds offered on this page mailed postpaid at quoted prices.

TURNIP

Aberdeen. A flat, yellow variety; a good winter keeper. 10c. oz.;

¼ lb., 20c.; 60c. per lb.; 5 lbs., \$2.50; \$4.50 per 10 lbs.

Cow Horn. A long white variety used for soiling and stock feeding; will be found far superior to crimson clover. 10c. per oz.;

¼ lb., 20c.; 60c. per lb.; 5 lbs., \$2.50; \$4.50 per 10 lbs.

Early Purple Top Flat. The most popular variety in cultivation; a large yielder; well flavored. For early market trade it is desirable. 10c. per oz.;

¼ lb., 20c.; 60c. per lb.; 5 lbs., \$2.00; \$3.75 per 10 lbs.

Purple Top White Globe. (Private Stock.) This is a careful selection and an improvement on the ordinary variety. A large, perfect shaped sort; the skin is purple at top and white at bottom; very sweet. Market gardeners should grow this exten-

sively. 10c. per oz.;

¼ lb., 20c.; 60c. per lb.; 5 lbs., \$2.50; \$4.50 per 10 lbs.

Snowball. A pure white globe variety, almost round; very early. 10c. per oz.;

¼ lb., 20c.; 60c. per lb.; 5 lbs., \$2.50; \$4.50 per 10 lbs.

Southern Seven Top. Cultivated extensively in the South for the tops which are used as greens; also a favorite green food for stock. Not generally depended on for the root. 10c. per oz.;

¼ lb., 20c.; 65c. per lb.; 5 lbs., \$3.00; \$5.50 per 10 lbs.

Yellow Globe or Ambler. Shaped like the Purple Top Globe, but the color is like that of a Yellow Ruta Baga. 10c. per oz.;

¼ lb., 20c.; 60c. per lb.; 5 lbs., \$2.50; \$4.50 per 10 lbs.

RUTA BAGA

Ruta Bagas should be sown in drills about 30 inches apart and when 3 inches high thinned out to get the greatest root development. They need to be cultivated liberally and hilled up.

In the locality of Philadelphia and New York the seed should not be sown until August 1st, when it will invariably develop perfectly globular formed roots.

Private Stock Purple Top Yellow. A perfect ideal Ruta Baga.

Top purple, bottom yellow. Brings a high price when sold in the market on account of its shape. Our strain of Ruta Bagas is grown from selected roots and will be found highly satisfactory. 10c. per oz.;

¼ lb., 20c.; 65c. per lb.; 5 lbs., \$3.00; \$5.50 per 10 lbs.

SEEDS OF CULINARY AND MEDICINAL HERBS

A few herbs in the garden will be found very convenient, there being so many uses to which they can be put in the green and also dry form. For winter use they should be cut just as they come into flower, tied in bunches and hung in a light, airy place indoors where they can be available for use any time. Growers with market stalls will always find ready demand for bunched herbs.

	½ Oz.	Oz.	¼ Lb.	Lb.
Anise	\$0.15	.25	.85	3.00
Basil (Sweet)	.15	.25	.75	2.50
Borage	.15	.25	.75	2.50
Caraway	.10	.30	1.00	
Chamomile	.20	.30	1.00	
*Catnip	.35	.60		
*Chives	.30	.50	1.75	6.00
Coriander	.10	.25	.75	
Dill	.10	.30	1.00	

	½ Oz.	Oz.	¼ Lb.	Lb.
Fennel (Florence)	\$0.25	\$0.80	\$2.50	
*Fennel (Sweet)	.15	.50	1.75	
*Mint (Pepper-mint) (Pkt., 15c.)	\$2.25	4.00		
*Lavender	.15	.25	.90	3.00
*Pennyroyal	.25	.40	1.50	5.00
*Rosemary	.35	.60	2.00	7.00
Saffron	.15	.25	.85	3.00
*Sage	.30	.50	1.75	6.00

	½ Oz.	Oz.	¼ Lb.	Lb.
Savory, Summer	\$0.20	\$0.65	\$2.25	
*Savory, Winter	\$0.20	.35	1.15	4.00
Sweet Marjoram	.15	.25	.85	3.00
*Thyme, Broad				
Leaved	.35	.60	2.00	7.00

*Varieties are hardy or perennial, while others must be planted each season.

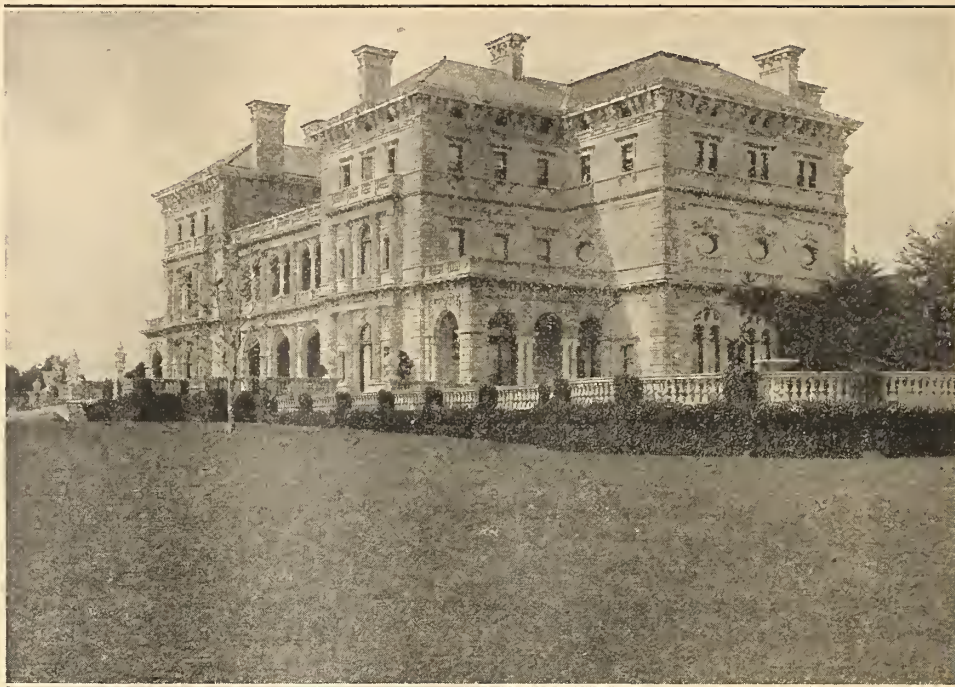


MICHELL'S RECLEANED GRASS SEEDS

Our connections with the best grass seed producers in America and Europe place us in a position of advantage for our supplies, chiefly because of the great volume of grass seeds we contract for. Some people have an idea that price is the only factor to consider in grass seed buying; while this has its place, it should be an after thought. "Quality is paramount." We are always pleased to submit samples with prices for comparison and let you be the judge.

QUANTITY OF LAWN SEED REQUIRED FOR A GIVEN SPACE

To secure best results we advise sowing on new ground with no sod on; 8 to 10 bushels of 20 lbs. per bushel to an acre, on established lawns or grass plots usually one half of the quantity is sufficient. On a smaller scale, 1 quart per 100 square feet; 1 peck for 1000 square feet; $\frac{1}{2}$ bushel for 2000 square feet; 1 bushel for a space 4000 square feet; for putting greens we advise 100 lbs. of seed to a green 100 x 100 feet; for fairways 8 to 10 bushels (20 lbs. per bu.) to the acre; for pastures and hayfields 80 to 100 lbs. per acre.



MIXTURES FOR LAWNS

Michell's Clover Lawn Grass. The increasing demand for a grass seed mixture, containing a larger portion of White Lawn Clover, induced us to offer this brand. After extensive trials we have produced a mixture of grasses, mixed with a most liberal quantity of best recleaned white clover. Especially suited to take firm hold and grow quickly on hard, worn out or burned spots; splendid for seashore lawns. Pint, 20c.; 40c. per qt.; 2 qts., 70c.; \$1.30 for 4 qts.; peck, \$2.50; \$10.00 per bush. (30 lbs.); 100 lb. lots and over, 32c. per lb.

Michell's Top Notch. The best Lawn Mixture in existence, and can justly be called the top-notch of quality. It is a perfectly blended combination of quick growing, very compact, fine bladed grasses, that will produce a perfect lasting turf in a few weeks. Pint, 20c.; 35c. per qt.; 2 qts., 65c.; \$1.20 for 4 qts.; peck, \$2.25; \$9.50 per bush. (25 lbs.); 100 lbs., 30c. per lb.

Michell's Green Velvet. Produces a perfect lawn in 4 to 5 weeks' time. Pint, 15c.; 30c. per qt.; 2 qts., 50c.; 90c. for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lbs., 27 $\frac{1}{2}$ c. per lb.

Michell's Evergreen. The standard Lawn Mixture in the United States. Pint, 13c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; peck, \$1.40; \$5.00 per bush. (20 lbs.); 100 lbs., 22 $\frac{1}{2}$ c. per lb.

Michell's Shaded Lawn Grass. Will produce perfect swards in the most densely shaded places. Pint, 15c.; 30c. per qt.; 2 qts., 50c.; 90c. for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lb. lots and over, 30c. per lb.

Fairmount Park Lawn Seed. Pint, 8c.; 15c. per qt.; 2 qts., 30c.; 60c. for 4 qts.; peck, \$1.15; \$4.50 per bushel (20 lbs.); 100 lb. lots and over, 20c. per lb.

Michell's Seashore Formula Grass Seed. Contains such grasses as thrive in salt air regions. Sow 6 bu. to the acre. Pint, 15c.; 30c. per qt.; 2 qts., 50c.; 90c. for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lb. lots and over, 30c. per lb.

Michell's Terrace or Embankment Grass Seed. Pint, 15c.; 30c. per qt.; 2 qts., 50c.; 90c. for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lb. lots and over, 30c. per lb.

Southern States Lawn Grass Seed. Made up especially for dry, hot localities; especially suited to the Southern States. Pint, 13c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; peck, \$1.40; \$5.00 per bush. (20 lbs.); 100 lbs., 22 $\frac{1}{2}$ c. per lb.

Special Sod Grass Seed. Produces a heavy sod in a short time. Pint, 13c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; peck, \$1.40; \$5.00 per bush. (20 lbs.); 100 lbs., 22 $\frac{1}{2}$ c. per lb.

Michell's Athletic Field Grass Seed. A special mixture of deep rooting, fine leaved grasses, especially suited for Baseball, Football and Cricket Grounds. Pint, 13c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; peck, \$1.40; \$5.00 per bush. (20 lbs.); 100 lb. lots and over, 22 $\frac{1}{2}$ c. per lb.

MIXTURES FOR PLEASURE GROUNDS

Michell's Fair Greens (Golf Course) Mixture. Composed of short-growing, deep-rooted varieties, resisting plenty of wear. Golf courses, to retain their permanency, should receive additional sowings during the season. Sow 8 bu. per acre. Pint, 13c.; 25c. per qt.; 2 qts., 45c.; 75c. for 4 qts.; peck, \$1.40; \$5.00 per bush. (20 lbs.); 100 lb. lots and over, 22 $\frac{1}{2}$ c. per lb.

Michell's Putting Greens Mixture. A quick-growing mixture of short, thin-bladed grasses, over which the ball can roll without resistance. We recommend not less than 100 lbs. to a green 100 feet square. Pint, 30c.; 55c. per qt.; 2 qts., \$1.00; \$1.85 for 4 qts.; peck, \$3.50; \$14.00 per bush. (25 lbs.); 100 lb. lots and over, 55c. per lb.

Michell's Teeing Grounds Mixture. Used on golf courses or in places where a tough, resisting turf is wanted. Pint, 15c.; 30c. per qt.; 2 qts., 50c.; 90c. for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lb. lots and over, 30c. per lb.

Michell's Tennis Court Grass Seed. Tennis courts need grasses of a hardy nature, of fine leaf and close, compact growth. Our mixture will be found particularly adapted for the purpose. Pint, 15c.; 30c. per qt.; 2 qts., 50c.; 90c. for 4 qts.; peck, \$1.75; \$6.50 per bush. (20 lbs.); 100 lb. lots and over, 30c. per lb.

MISCELLANEOUS MIXTURES

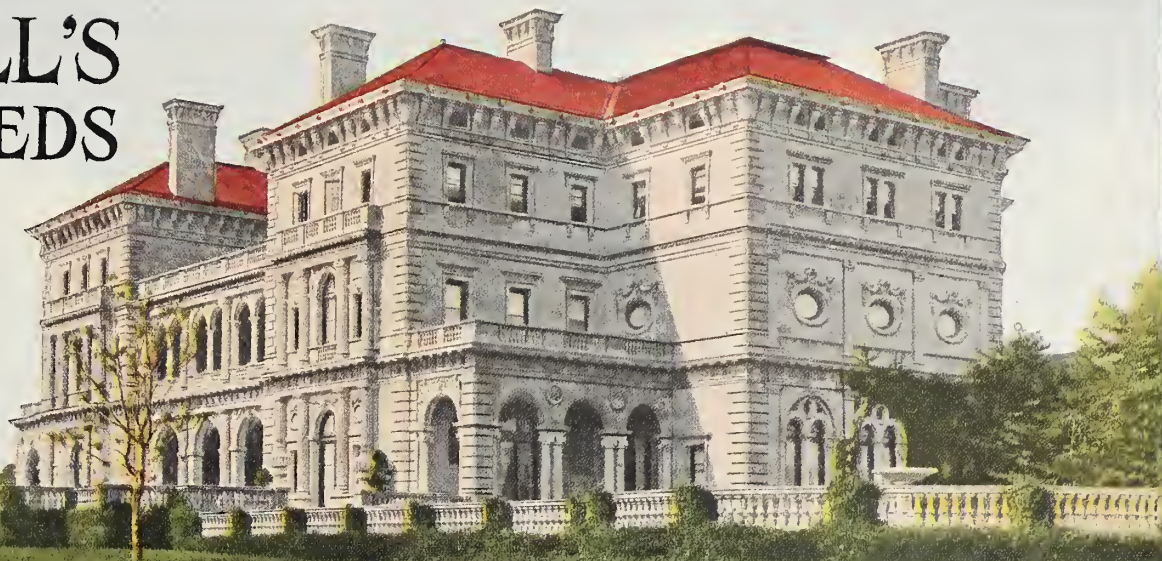
Michell's Permanent Pasture Grass Seed. Michell's Permanent Pasture Grass Seed is composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. One sowing will last many years, although we advise additional sowings each autumn, just previous to which a light harrowing is recommended to give the grass a quick hold. Sow 80 to 100 lbs. per acre on new land or 40 to 50 lbs. per acre on established pastures. Pint, 10c.; 20c. per qt.; 2 qts., 35c.; 65c. for 4 qts.; peck, \$1.25; \$4.50 per bush. (20 lbs.); 100 lb. lots or over, 20c. per lb.

Michell's Permanent Hayfield Grass Seed. This mixture is gradually being adopted by the progressive farmer. Its main advantages are that certain grasses in this mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Sow 80 to 100 lbs. per acre on new lands or 40 to 50 lbs. per acre on established pastures. Pint, 10c.; 20c. per qt.; 2 qts., 35c.; 65c. for 4 qts.; peck, \$1.25; \$4.50 per bush. (20 lbs.); 100 lb. lots or over, 20c. per lb.

WHITE CLOVER

Choice recleaned. Sow 10 to 12 lbs. per acre (60 lbs. per bushel). Per oz., 7c.; 20c. per $\frac{1}{4}$ lb.; $\frac{1}{2}$ lb., 38c.; 70c. per lb.; 5 lbs., \$3.25; \$6.50 for 10 lbs.; 60 lbs. (1 bush.), \$37.50; \$62.50 per 100 lbs. Prices on White Clover subject to market changes.

MICHELL'S GRASS SEEDS for Every Purpose

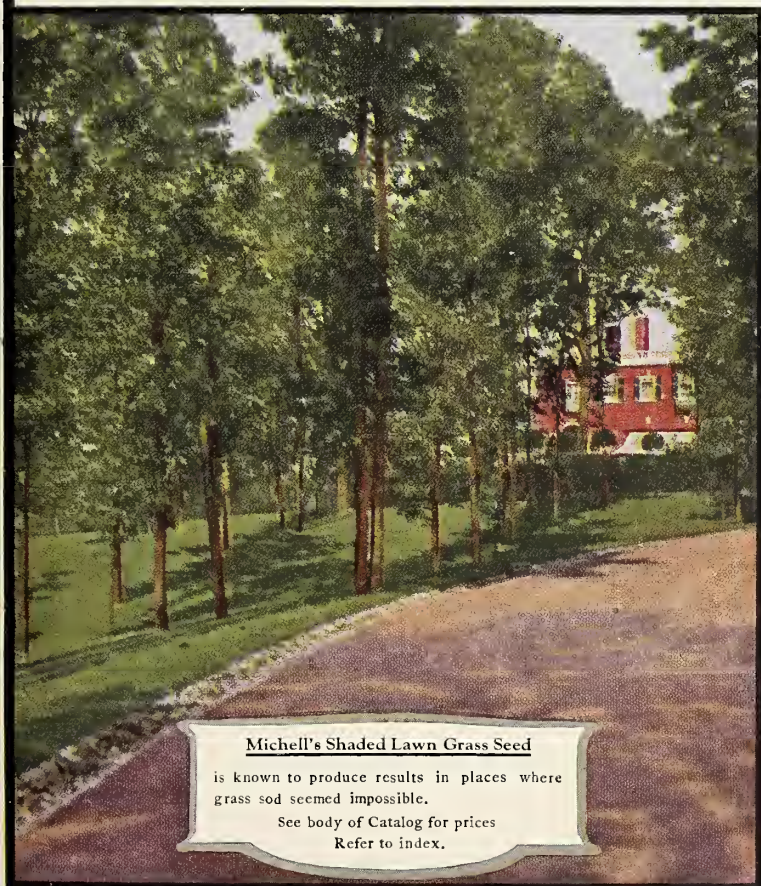


Michell's Green Velvet Grass Seed

is undoubtedly the best value at the price to be found anywhere. The formula is based on experience and tests and is being constantly improved where possible.

See body of Catalog for prices

Refer to index.



Michell's Shaded Lawn Grass Seed

is known to produce results in places where grass sod seemed impossible.

See body of Catalog for prices

Refer to index.



Michell's Seashore Grass Seed

thrives under a variety of seashore conditions, which usually are hard to meet with the ordinary mixtures of grass seed.

See body of Catalog for prices

Refer to index

WIZARD BRAND SHEEP MANURE

Please see body of Catalog for prices; refer to index.

A wonderful natural fertilizer;
unequaled for the lawn.



MICHELL'S RELIABLE GRASS SEEDS

SEPARATE VARIETIES

All Strictly Recleaned and Carefully Tested for Purity and Germination. Prices Subject to Market Changes.

PRICES ON SEPARATE VARIETIES OF GRASS SEEDS

It is almost impossible to quote these so that the prices may be relied upon to be correct for any length of time. The crop of all sorts is abnormally short and it is difficult to get supplies, owing chiefly to world wide drought, which existed during the past growing season. We shall endeavor at all times to maintain our prices as low as possible, consistent with quality. Please send us your inquiries and orders for Grass Seed in separate varieties and we will give them our best attention.

Bermuda Grass. For sowing as far North as Washington, D. C., above which latitude it is not hardy (35 lbs. per bu.).

Blue Grass, Fancy Kentucky (*Poa Pratensis*). Our stock of this is extra fine, thoroughly recleaned; sow 5 to 6 bu. per acre on lawns, 4 to 5 bu. on pasture fields (14 lbs. per bu.).

Blue Grass, Canadian (*Poa Compressa*). Makes an ideal pasture, highly relished by cattle; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue Grass Seed (14 lbs. per bu.).

Creeping Bent (*Agrostis Stolonifera*). Adapted admirably for lawns, also putting greens, tennis courts, etc.; sow 4 bu. per acre (20 lbs. per bu.).

Crested Dogtail (*Cynosurus Cristatus*). Excellent as a pasture and lawn grass. Sow 4 to 5 bu. per acre (21 lbs. per bu.).

Fescue, Chewing's New Zealand (*Festuca Chewing's*). Especially recommended for putting greens and lawns (14 lbs. per bu.).

Fescue, Creeping (*Festuca Rubra*). Very valuable for sowing on sandy soil and in shaded places; also on putting greens (14 lbs. per bu.).

Fescue, Fine Leaved (*Festuca Tenuifolia*). This grass is especially valuable for dry soils. Sow 3 bu. per acre (14 lbs. per bu.).

Fescue, Hard (*Festuca Duriuscula*). A splendid grass for golf links, tennis courts, etc.; will resist droughts. Sow 6 to 7 bu. per acre (12 lbs. per bu.).

Fescue, Meadow (*Festuca Pratensis*). Sow 100 lbs. per acre (22 lbs. per bu.).

Fescue, Red (*Festuca Rubra*). Valuable for putting greens; also for sowing on sandy soil and in shaded places (14 lbs. per bu.).

Fescue, Sheep's (*Festuca Ovina*). This makes an excellent grass for sowing on lawns, fields or pleasure grounds. Sow 6 to 7 bu. per acre (12 lbs. per bu.).

Herd or Red Top, Fancy Recleaned. This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 35 lbs. per acre (32 lbs. per bu.).

Herd or Red Top, Unhulled (*Agrostis Vulgaris*). Sow 5 to 6 bu. per acre on lawns, or 3 bu. on pasture lands (10 lbs. per bu.).

Orchard Grass (*Dactylis Glomerata*). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 40 lbs. per acre (14 lbs. per bu.).

Rhode Island Bent. For sowing at seashore resorts, on putting greens, tennis courts, etc.; 60 lbs. per acre (14 lbs. per bu.).

Rough Stalked Meadow (*Poa Trivialis*). Excellent for pastures and meadows, particularly on damp soils. Sow 100 lbs. per acre (14 lbs. per bu.).

Rye Grass, English or Perennial (*Lolium Perenne*). (*Pacey's Fancy Short Seeded*.) This makes the quickest returns in growth of any grass; is deep rooted and is readily established. Sow 5 bu. per acre (24 lbs. per bu.).

Rye Grass, Italian (*Lolium Italicum*). Very desirable for pasture; it comes to maturity the first season; the ideal seed for southern lawns in winter. Sow 100 lbs. per acre (18 lbs. per bu.).

Sudan Grass Seed (*Annual*). This belongs to the forage crops and is allied to the millets. Sow 16 to 24 lbs. per acre.

Sweet Vernal (*Annual*). 5 lbs. per acre with other grass.

Sweet Vernal (*Perennial*). 5 lbs. per acre with other grass.

Timothy (*Phleum Pratense*). Sow one-half bu. per acre alone (45 lbs. per bu.).

Wood Meadow (*Poa Nemoralis*). The best grass for sowing under trees where a lawn is desired. Sow 75 to 100 lbs. per acre (14 lbs. per bu.).

WIZARD BRAND SHEEP MANURE

is the most effective and satisfactory of all lawn fertilizers; promotes a strong, healthy turf of beautiful color.

MICHELL'S HIGH-GRADE FARM SEEDS

61

PRICES, WHERE QUOTED, SUBJECT TO MARKET CHANGES

Alfalfa (*Medicago Sativa*). Non Irrigated Seed. (Grown in Kansas.) Sow $\frac{1}{2}$ bu., 30 lbs., per acre during May, August or September. Price on application.

Alfalfa (Grimm Strain). This is claimed by some to be harder than the Kansas grown seed. Price on application.

Barley, Beardless. Sow $1\frac{1}{2}$ to 2 bu. per acre from May 15th to July 1st. Price on application.

Beans, Soja. Sow $1\frac{1}{2}$ bu. per acre during May. Mammoth Yellow, late. Wilson, early. Price on application.

Broom Corn. Early Evergreen. Sow 10 lbs. per acre during May. Price on application.

Buckwheat. Japanese. Sow 1 bu. per acre during June and July. Price on application.

Clover, Alsike. Sow 10 lbs. per acre during March, April or August. Price on application.

" **Bokhara or Sweet.** Sow 15 lbs. per acre during April or August. Price on application.

" **Crimson.** Sow 20 lbs. per acre during July or August. Price on application.

" **Hubam** (*Annual White Sweet Clover*). Sow 12 lbs per acre broadcast, or 3 lbs. per acre in cultivated rows, early in the spring. Price on application.

" **Mammoth Red.** Sow 20 lbs. per acre during March, April or August. Price on application.

" **Red Medium.** Sow 20 lbs. per acre during March, April or August. Price on application.

" **White Dutch.** Sow 10 lbs. per acre. Oz., 7c.; 20c. per $\frac{1}{4}$ lb.; $\frac{1}{2}$ lb., 38c.; 70c. per lb.; 5 lbs., \$3.25; \$6.50 per 10 lbs.; 60 lbs. (1 bu.), \$37.50; \$62.50 per 100 lbs.

Prices on White Clover subject to market changes.

Canada Field Peas. Sow $1\frac{1}{2}$ bu. per acre, with 1 bu. of oats during April. Makes splendid green feed. Price on application.

Cow Peas. Sow during May 2 bu. per acre broadcast, or 1 bu. per acre in drills. Black, Black Eye and Whippoorwill. Price on application.

Flax. Sow 1 bu. per acre during May and June. Price on application.

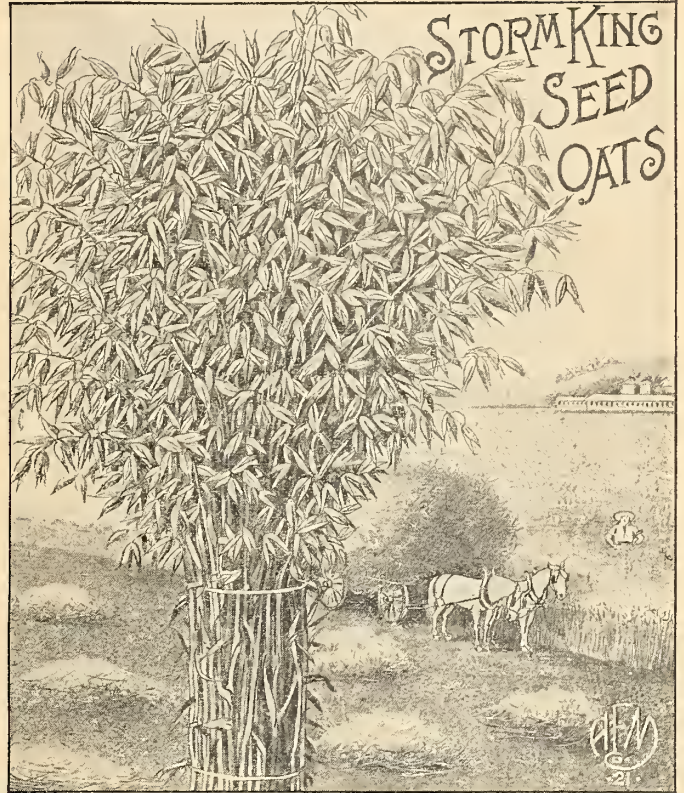
Kaffir Corn. Sow in June and July. 10 lbs. per acre. Price upon application.

Millet. A splendid emergency hay crop; can be harvested in 60 days. Sow during June and July. Hungarian and Golden, sow 1 bu. per acre. Japanese, 12 lbs. per acre. Price upon application.

Oats. Sow from April until June; 3 bu. per acre. Swedish or Washington, Tartar King, Storm King, Welcome. Price on application.

Rye (*Spring*). Sow $1\frac{1}{2}$ bu. per acre broadcast during April and May. Price on application.

Rye (*Winter*). We handle Penna. White Winter and Rosen varieties. Sow in October and November; $1\frac{1}{2}$ bu. per acre. Price on application.



Rape. Dwarf Essex. Sow 6 lbs. per acre broadcast, or in drills, at intervals from April 1st to October 1st. Price on application.

Sorghum or Sugar Cane. Early Amber. Sow 25 lbs. per acre in drills during May or June. Price on application.

Speltz or Emmer. Sow during April and May; 2 bu. per acre. Price on application.

Sudan Grass. Similar to millet. Sow 16 to 24 lbs. per acre broadcast during April, May, June. Price on application.

Sunflower. Mammoth Russian (for Seeding). Splendid poultry food. Sow 10 qts. per acre in drills. 15c. per lb.; 5 lbs. 70c.; \$1.35 per 10 lbs.; 25 lbs. \$3.15.

Timothy. Sow $\frac{1}{2}$ bu. per acre during April, August or September. Price on application.

Vetch. For green feed, green manure and cover crops. Sow 1 bu. per acre broadcast. Winter (*Vicia Villosa*). Spring (*Vicia Sativa*). Price on application.

Wheat. Sow $1\frac{1}{2}$ bu. per acre in drills; Spring, Saskatchewan Fife. Winter varieties ready after September 15th. Price on application.

FIELD CORN

We make a specialty of choice field seed corn, shelled, from carefully tipped and butted ears and dried naturally by air.

Champion White Pearl
Cloud's Early Yellow Dent
Drought Proof Yellow Dent
Early Canada Flint
Eureka Yellow Dent Ensilage
Golden Beauty

Leaming Early Dent
Reid's Yellow Dent
Red Cob Ensilage
Silver King or Wisconsin
White Cap Yellow Dent

Field Corn weighs 56 lbs. per bushel, and prices will be quoted on application.

ABOUT PRICES.—These fluctuate constantly on Farm Seeds and will be quoted on application.

CROW REPELLANT

Rids your corn crop of crows and other corn pulling birds. Saves loss of seed and labor of replanting; aids and hastens germination; protects seed from rotting in the ground.

Large can, enough for two bushels of seed corn, \$1.50; small can, enough for one bushel, \$1.00.

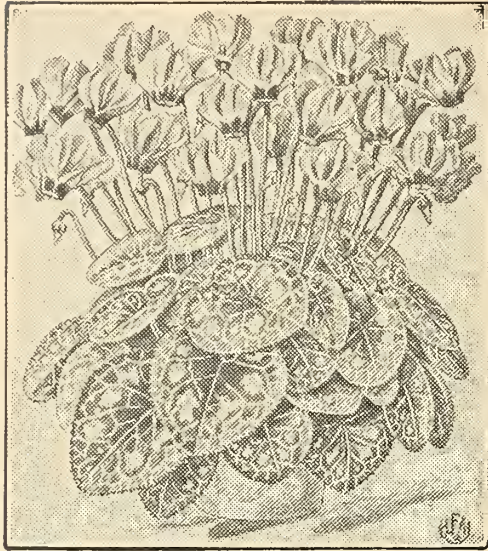


Soja Beans

Allow 40c. for each 2 bushel Bag for shipping Farm Seeds. (These are returnable for credit.)

(ow)

MICHELL'S CHOICE PLANTS FOR FLORISTS



Michell's Giant Show Cyclamen

CYCLAMEN SEEDLINGS

Grown from our Giant show strain of Seed. In separate colors. Not less than 100 seedlings sold, or not less than 25 of a color.

This stock affords the grower (who may have over-looked sowing his supply, or who may have failed therewith) to be assured of a reliable supply of choice seedlings, the purchase of which will have saved him at least five or six months' work and care.

Shipments of these can be best made by special delivery, Parcel Post.

Price, \$6.50 per 100; per 1000, \$60.00.



Geranium, Helen Michell

GERANIUM, HELEN MICHELL

Grows compact, medium dwarf, with lustrous green foliage and throws up gigantic flower-heads very freely. We claim it to have the largest flower-heads of any of the Bedding Geraniums. The individual blooms frequently measure 2 inches across. It is a common occurrence that a single 4-inch pot plant shows four fully open gigantic flower-heads, several half open and more in bud. We further claim that "Helen Michell" is the best Commercial Scarlet Geranium in existence. Prices, 2½-inch pots, \$1.50 per doz.; 25 for \$2.25; \$8.00 per 100; per 1000, \$75.00.

PLEASE NOTE.—Shipments of perishable goods can only be made at your risk.

If shipments arrive in bad condition, accept them and receipt for them accordingly, and make claim for your loss on the transportation company. We, of course, hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

NOTE.—No order of plants that aggregates less than \$1.00 will be executed at wholesale rates; such orders will be filled at retail catalog prices less 10%.

ASPARAGUS

Plumosus Nanus. 2¼ in. pots, 90c. per doz.; per 100, \$6.00; strong plants from 3 in. pots, \$1.75 per doz.; per 100, \$12.00.

Sprengeri. Strong plants from 3 in. pots, \$1.75 per doz.; per 100, \$12.00.



French Hydrangea

MICHELL'S FORCING HYDRANGEAS

For several years we have been making a specialty of growing Hydrangeas for the florist's trade. The list of commercial varieties has become so voluminous that we have combed it thoroughly with the result we are offering what we consider the best sorts for the commercial grower to handle. We grow these in great numbers and feel certain the quality of our plants will please the buyer. The 2-inch stock is especially desirable for growing on.

Baby Bimbimet. Dwarf silvery rose; early and very free.

Gen de Vibraye. Large bright rose.

Mme. E. Moulliere. The well known and popular white.

Otaksa. The old favorite and still one of the best.

Radiant. Deep rosy carmine.

Trophee. Red; a strong grower and free bloomer.

Price, 2-inch pots, \$1.75 per doz.; per 100, \$12.00.

Prices for any of the above varieties—except **Trophee**

	Doz.	100
2-inch pots.....	\$1.50	\$8.00
4-inch pots.....	3.50	25.00

KENTIA PALMS

The Kentia is by all means the best Palm for general use; we have a fine lot of both Belmoreana and Forsteriana—good clean sturdy stock. Price, 2¼ inch pots, \$2.00 per doz.; per 100, \$15.00; 3 inch pots, \$3.00 per doz.; per 100, \$25.00; 4-inch pots, 50c. each.

Our hardy perennial plants are perfectly hardy and thoroughly acclimated, invariably giving real results. We grow our perennials principally in pots, though we also have at times field-grown plants, and we will fill your order with whichever stock gives you the best value or results at the time it is executed. You may rely upon our judgment in this connection. Our list of perennial plants includes only those of known usefulness, distinctiveness and merit. Our book on "Hardy Perennials" is an instructive publication, and it can be had free on request.

ACHILLEA (Milfoil or Yarrow)

Millefolium Cerise Queen (*Rosy Milfoil*). Finely cut, deep green foliage; flowers cherry red in dense heads; 18 inches high.

Ptarmica Fl. Pl. "The Pearl." Pure white flowers borne in the greatest profusion the entire summer on strong, erect stems, 2 feet high; as a summer cut flower it is of great value.

Ptarmica Boule de Neige (*Ball of Snow*). An improvement on The Pearl; the flowers, while not quite so large, are of more perfect form, with fuller centres, which makes it appear purer in color.

3-inch pots, \$1.50 per doz.; per 100, \$10.00.

ALYSSUM

Saxatile Compactum. An excellent low spreading plant for rockery or border, growing about 10 inches high and producing in May masses of golden yellow flowers. 3-inch pots, \$1.50 per doz.; per 100, \$10.00.

ANCHUSA (Sea Bugloss)

Italica. "Dropmore Variety." Plants grow 4 feet high in pyramidal shape, branch freely and are loaded with bright blue Forget-me-not-like flowers in June; very showy and valuable.

Opal. Pale blue, very large flowers.

4-inch pots, \$2.00 per doz.; per 100 \$15.00.

ANTHEMIS (Marguerite)

Tinctoria. This hardy Marguerite is one of the most satisfactory summer-flowering perennials, succeeding in the poorest soil. 3-inch pots, \$1.50 per doz.; per 100 \$10.00.

AQUILEGIA (Columbine)

Mitchell's Long Spurred Hybrids. The flowers of largest size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike. We offer them in mixed colors only.

Canadensis (*Common American Columbine*). The native red and yellow variety, and one of the brightest.

Chrysantha (*Golden Columbine*). Bright yellow, long-spurred flowers.

Coerulea (*Rocky Mountain Columbine*). Bright blue and white, long-spurred flowers.

Flabellata Nana Alba. A dwarf growing, pure white variety.

Helenae. Large blue flowers with white corolla.

Rose Queen. A newer variety of a pleasing shade of delicate pink, long-spurred flowers.

Vulgaris (*Common European Columbine*). Violet blue.

Price of all Aquilegias: 3-inch pots, \$1.50 per doz.; per 100 \$10.00.

ARABIS (Rock Cress)

Alpina. One of the most desirable of the very early spring-flowering plants for edging and for the rock garden. 3-inch pots \$1.50 per doz.; per 100 \$10.00.

ARTEMISIA

Abrotanum (*Old Man, or Southern-wood*). Dark green, finely cut foliage, with pleasant aromatic odor.

Pedemontana. A handsome variety with finely cut silvery foliage.

Stelleriana (*Old Woman*). Deeply-cut silvery foliage; much used in carpet bedding.

4-inch pots, \$1.50 per doz.; per 100 \$10.00.

ARTEMISIA LACTIFLORA

Unlike the other varieties offered, which are grown for their foliage, this comparatively new introduction from China is a most effective flowering plant, with erect stems $3\frac{1}{2}$ to $4\frac{1}{2}$ feet high, clothed with elegantly cut dark green foliage and terminated by panicles of Hawthorn-scented, creamy white Spiraea-like light and graceful flowers. 4-inch pots, \$1.50 per doz.; per 100 \$10.00.

HARDY ASTERS

Autumn Beauty. An exquisite shade of light blue; very large flowers, commencing to bloom in the late summer and continuing almost up to frost time.

Feltham Blue. One of the most decorative free-flowering varieties; color, a pretty shade of aniline blue.

Glory of Colwall. A splendid improvement on the variety Beauty of Colwall, with good-sized, nearly double, ageratum-blue flowers.

Mrs. F. J. Raynor. Delicate lavender.

Novae Angliae. Bright violet purple.

Novi Belgii Climax. Of strong, vigorous habit; branched pyramidal-shaped flower stems; lavender-blue flowers.

Novi Belgii, The Queen. A splendid variety; bluish white.

Robert Parker. Pale heliotrope.

Snowflake. Very free bloomer; pure white.

St. Egin. Densely branched, producing beautiful pink flowers.

Tataricus. Large bluish lilac.

Price of any of the above, doz., \$1.50; \$10.00 per 100.

TWO NEW HARDY ASTERS

Maggie Perry. Very large flowers, frequently $2\frac{1}{2}$ inches across, loosely arranged in large trusses, and of a pleasing tone of soft mauve.

Perry's White. Undoubtedly the finest white Michaelmas Daisy yet introduced.

3-inch pots, \$2.00 per doz.; per 100 \$15.00.

NEW LATE FLOWERING JAPANESE ASTER MAUVE CUSHION

An entirely distinct species of hardy Aster. It forms a circular cushion-like plant, the centre of which rarely exceeds 9 inches in height. The flowers, are of a delicate, soft mauve. 3-inch pots, \$1.50 per doz.; per 100 \$10.00.



Artemisia Lactiflora

MICHELL'S HARDY PERENNIAL PLANTS



HARDY GARDEN




CHRYSANTHEMUMS.

- A. Barham.** A beautiful orange bronze; early.
Baby (Button). Everybody's favorite. The smallest yellow variety grown.
Cranfordia (Large Flowering). In this variety we have an early flowering Chrysanthemum, perfect in flower, stem and foliage; flowers deep bronze yellow.
Ethel Blades (Large Flowering). Very large flowers of a rich chestnut red; one of the best early flowering sorts.
Fairy Queen (Pompon). A delightful clear shade of pink of medium size, round and full.
Fee Parisienne. Deep rose; early aster flowered.
Glory of Seven Oaks (Large Flowering). Golden yellow; dwarf and very free.
Golden Climax (Pompon). Orange yellow; one of the finest yellows now in cultivation.
Iva (Button). Very small deep bronze.
Josephine (Single). Brilliant yellow in color.
L'Argentuillius (Large Flowering). Deep chestnut shaded crimson, coming into flower early in October.
La Garonne (Large Flowering). Lemon yellow suffused bronze.
Lilian Doty (Pompon). The finest pink in the large flowering section of the Pompon family. A strong grower and producing beautiful sprays of clear light pink flowers.
Minta (Button). A very free flowering, light pink variety.
Miss Mary Pope (Single). A pale pink with a very large flower; early; one of the best.
Mrs. Chester Robinson (Pompon). A tall strong grower with large flowers of a deep old rose pink.
Mrs. Nellie Kleris (Pompon). An improved Lilian Doty, but the color is more evenly diffused over the flower.
Nellie Irwin (Pompon). A true Pompon; clear bright yellow in color and having fine clean foliage and stiff stems.
Oconto (Large Flowering). A Japanese variety with white flowers on strong stiff stems; early.
Provence. Pale pink.
Ruby Queen (Pompon). A dwarf growing variety with deep pink, almost crimson flowers.
White Doty (Pompon). A sport of the popular variety Lilian Doty; identical in every way except color, which is a pure white.
 Any of the above, 2¼-inch pots, 85c. per doz.; per 100 \$6.00.

BOCCONIA

(Plume Poppy, or Tree Celandine)

Cordata. A noble, hardy perennial, beautiful in foliage and flower; admirably adapted for planting in the shrubbery borders, centre of beds and in bold groups in almost any position. 3½-inch pots, \$1.50 per doz.; per 100 \$10.00.

BOLTONIA (False Chamomile)

Asteroides. Pure white; very effective.
Latisquama. Pink, slightly tinged with lavender. 3-inch pots, \$1.50 per doz.; per 100 \$10.00.

HARDY BORDER CARNATIONS

Choice mixed seedlings produced from seed. We supply strong plants that will furnish an abundance of double flowers this season. 3-inch pots, \$1.50 per doz.; per 100 \$10.00.

HARDY CHRYSANTHEMUMS FOR POT CULTURE

- Betsy Presby.** Quilled petals; orange yellow; pretty and free.
Ethel Beers (Single). Chestnut bronze; very free.
Grace Darling (Single). Pure white flowers with yellow centers.
Graf von Fleming (Anemone). This is a charming variety; color of the purest pale lavender.
Innocenza (Anemone). Outer petals of pure white, central petals most beautifully flushed pale pink.
Kathleen Thompson (Caprice). Large flowers of reflex type. Color is old gold, suffused bronze and yellow.
Lelia (Button). Splendid scarlet bronze in color.
Mrs. W. E. Buckingham (Single). Midseason pink; has proved itself one of the best varieties for cutting ever introduced.
Thelma (Pompon). Bronzy red, unique in color among pompons; very early and free.
 Any of the above, 2¼-inch pots, 85c. per doz.; per 100 \$6.00.

CHRYSANTHEMUM (Shasta Daisy)

Articum (The Arctic Daisy). Among fall-flowering perennials this is a perfect gem. In September multitudes of pure white flowers appear, from 2 to 2½ inches in diameter. 3-inch pots, \$1.50 per doz.; per 100 \$10.00.

CAMPANULA (Bell Flower)

- Calycanthemum (Cup and Saucer).** Pink, white and blue. 3-inch pots, \$1.50 per doz.; per 100 \$10.00.
Media (Old-fashioned Canterbury Bells). This is a biennial type, like the Calycanthemum. Blue, pink and white, 3-inch pots, \$1.50 per doz.; per 100 \$10.00.
Carpatica (Carpathian Harebell). A pretty species, growing in compact tufts, not exceeding 8 inches high; flowers clear blue, held erect on wiry stems. 2¼-inch pots, \$1.50 per doz.; per 100 \$10.00.
Carpatica Alba. The white-flowered form of above. 2¼-inch pots, \$1.50 per doz.; per 100 \$10.00.

CARYOPTERIS (Blue Splrea)

Mastacanthus. Rich, violet flowers produced in great profusion the whole length of the branches. 2¼-inch pots, \$1.50 per doz.; per 100 \$10.00.

COREOPSIS

Lanceolata Grandiflora. Flowers rich golden yellow and of graceful form; fine for cutting. 3½-inch pots, \$1.50 per doz.; per 100 \$10.00.

DIANTHUS (Garden Pinks)

- Deltoides (Maiden Pink).** A continuous flowering variety with pink flowers. Especially suited for rock work.
Deltoides Alba. White flowers.
Latifolius Atrococcineus Fl. Pl. (Ever-blooming Hybrid Sweet William.) A splendid variety with brilliant crimson, double flowers. Flowers continuously during the entire season. 3-inch pots, \$1.50 per doz.; per 100 \$10.00.

DELPHINIUMS OR HARDY LARKSPURS

Belladonna. The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

Bellamosum. A dark blue form of Belladonna.

Chinense. A very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles.

—Album. A pure white form of the above.

Mitchell's Gold Medal Hybrids. Unquestionably the finest strain of mixed hybrids offered. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. We can supply them in mixture only.

Price. Any of the above, 3½-inch pots, \$1.50 per doz.; per 100 \$10.00.

DIGITALIS (Foxglove)

Gloxinaeflora. White, pink, purple, lilac. Each separate.

Grandiflora. Yellow.

Lanata. A distinct species, producing dense spikes of curious-looking flowers, the corolla being gray, the lips white.

3-inch pots, \$1.50 per doz.; per 100 \$10.00.

ERYNGIUM (Sea Holly)

Amethystinum. The beautiful thistle-like heads are of glistening amethystine-blue. 3-inch pots, \$1.50 per doz.; per 100 \$10.00.

EUPATORIUM

Ageratoides. A useful border plant, with minute white flowers in dense heads; splendid for cutting; August and September.

Coelestinum. A pretty hardy plant, with light blue flowers similar to the Ageratum.

3½-inch pots, \$1.50 per doz.; per 100 \$10.00.

FUNKIA (Plantain Lily; Day Lily)

Undulata Media Picta. Green and white variegated foliage; purple flowers. Makes a fine edging; July; 2 feet. 3½-inch pots, \$1.75 per doz.; per 100 \$12.00.

GAILLARDIA (Blanket Flower)

Grandiflora. Dark brown centre, petals on the outer edge are yellow, and the centre is surrounded with a rich orange disc.

3½-inch pots, \$1.50 per doz.; per 100 \$10.00.

GYPSOPHILA (Baby's Breath)

Paniculata. Feathery sprays of white flowers; useful for effects in bouquets. 1 year, \$1.50 per doz.; per 100 \$10.00.

HELIANTHUS (Hardy Sunflower)

Maximiliana. The latest of all; fine golden yellow flowers.

Meteor. Large double orange-yellow flowers.

Multiflorus Fl. Pl. Large, double golden yellow.

Orgyalis. Bright yellow flowers on short stalks.

Rigidus Japonicus. Flowers, golden-yellow, with dark centres. 4-inch pots, \$1.50 per doz.; per 100 \$10.00.

HELIOPSIS (Orange Sunflower)

Pitcheriana. Daisy-shaped flowers of deep orange color, on good stems for cutting.

Scabra Excelsa. A new variety with very rich chrome-yellow flowers, turning to a bright yellow as they mature.

3-inch pots, \$1.50 per doz.; per 100 \$10.00.

HEMEROCALLIS (Yellow Day Lily)

Aurantiaca. Large, orange yellow flowers; sweet scented.

Dr. Regel. Handsome, rich orange-yellow flowers in May.

Dr. Sovereign. Lovely chrome-yellow flowers during June and July.

Fulva (Tawny Day Lily). Coppery orange, shaded crimson.

Kwanso Flore Pleno (Double). Coppery red; July; 3 feet high. Price of any of the above, strong divisions, \$1.50 per doz.; per 100, \$10.00.

HIBISCUS (Mallow)

Mixed. All colors, strong divisions, \$1.50 per doz.; per 100 \$10.00.

HYPERICUM (St. John's Wort)

Moserianum. A most desirable border plant. 3-inch pots, \$1.50 per doz.; per 100 \$10.00.

IRIS KAEMPFERI (Japanese Irls)

Mixed Japanese Iris. All colors and shades. Strong divisions, \$1.50 per doz.; per 100, \$10.00; \$90.00 per 1000.



Iris Germanica

IRIS GERMANICA (Fleur de Lis)

Aurea. Very large flower; finest yellow.

Bridesmaid. White, shaded silvery lilac.

Dr. Bernice. Brown with purple falls.

Eldorado. Yellowish bronze, shaded lavender.

Eugene Sue. Creamy white, spotted and striped purple.

Florentine Alba. Very free blooming white.

Gypsy Queen. Lavender bronze, veined white.

Honorabilis. Golden yellow, shaded rich bronze.

Innocenza. Pure white; early and very beautiful.

Laura. Beautiful shade of lavender blue.

Lohengrin. Lilac rose; very large flower. \$3.00 per doz.; per 100, \$20.00.

Loute. Light blue, falls reddish purple and bronze.

Mad. Chereau. White, edged light blue.

Mad. Paquette. Deep claret red, nearly solid red.

Mrs. H. Darwin. White standards, violet blue falls.

Ossian. Straw-yellow standard, with bluish violet falls.

Pallida Dalmatica. Standards lavender, falls lavender shaded blue. \$1.50 per doz.; per 100, \$10.00.

Pallida Mandraliscae. Beautiful rich lavender purple. \$1.50 per doz.; per 100, \$10.00.

Pallida Speciosa. Standards dark lavender, light purple falls. \$1.50 per doz.; per 100, \$10.00.

Parisiensis. Large, showy, deep purple.

Queen of May. Light pink; very early.

Rhein Nixe. Standards white, falls deep blue, margined white. \$3.00 per doz.; per 100, \$20.00.

Price of any of the above, except where noted, strong divisions, \$1.00 per doz.; per 100, \$7.00; \$60.00 per 1000.

Mixed German Iris. 60c. per doz.; per 100 \$4.00; \$35.00 per 1000.

IRIS (Oriental and Siberian)

Blue King. Clear blue. Found by Mr. Peter Barr in Japan.

Sanguinea. Intensely brilliant blue flowers.

Superba. Large, violet blue.

Iris Siberica. Purplish blue; 3 feet high; very desirable.

Iris Siberica Alba. Fine white.

Price of any of the above, strong divisions, \$1.50 per doz.; per 100, \$10.00.

MICHELL'S HARDY PERENNIAL PLANTS

LYSIMACHIA

Nummularia (*Creeping Jenny, or Money-wort*). Valuable for planting under trees or shrubs where grass will not grow. 3-inch pots, \$1.50 per doz.; per 100, \$10.00.

LYTHRUM

Roseum Superbum (*Rose Loose-strife*). A strong-growing plant, 3 to 4 feet high, thriving in almost any position, producing large spikes of rose-colored flowers from July to September. 4-inch pots, \$1.50 per doz.; per 100, \$10.00.

MATRICARIA (Feverfew)

Little Gem. Pure white, double flowers; splendid for cutting, flowering July and August; height, 12 inches; ideal for open sunny border. 2¼-inch pots, \$1.00 per doz.; per 100, \$7.00.

MONARDA (Bergamot)

Didyma Cambridge Scarlet (*Oswego Tea*). Crimson scarlet. **Didyma Rosea** (*Bee Balm*). Flowers of a rose color, and sweetly fragrant foliage; 18 inches; July to September.

Fistulosa Alba (*Wild Bergamot*). Pure white flowers in whorls. Leaves cordate and highly scented; 3 feet. June to September. 3½-inch pots, \$1.50 per doz.; per 100, \$10.00.

PACHYSANDRA

An evergreen trailing plant with thick, glossy foliage forming a dense mat; one of the finest ground covers for either sunny or shaded locations.

Terminalis. Green; 6 to 8 inches high; small flower spikes of a grayish white, in May and June. 3-inch pots, \$1.25 per doz.; per 100, \$8.00.

HARDY PHLOX

Baron von Dedem. Deep pink, suffused orange; immense trusses. \$1.50 per doz.; per 100, \$10.00; \$90.00 per 1000.

Eugene Danzanvilliers. Delicate lavender; a very attractive and decorative color; immense flowers. \$1.25 per doz.; per 100, \$8.00; \$75.00 per 1000.

Jules Sandeau. Dwarf; very large flowering; pure pink; extra fine variety and free bloomer. \$1.50 per doz.; per 100, \$10.00; \$90.00 per 1000.

L'Espérance. Light lavender pink with white center. \$1.00 per doz.; per 100, \$7.00; \$60.00 per 1000.

Montagnard. Dark purple; large trusses and flowers of good size. \$1.50 per doz.; per 100, \$10.00; \$90.00 per 1000.

Mrs. Jenkins. The best pure white. \$1.00 per doz.; per 100, \$7.00; \$60.00 per 1000.

Von Lassburg. The queen of all clear white phloxes; trusses and single flowers are immense in size; rather dwarf. \$1.00 per doz.; per 100, \$7.00; \$60.00 per 1000.

PHLOX SUFFRUTICOSA

These differ from the others, in that the foliage and stem are deep green and glossy, and they begin to blossom in June and remain in bloom until October.

Miss Lingard. Pure white, with a lilac eye; very early. 2¼-inch pots, \$1.25 per doz.; per 100, \$8.00; \$70.00 per 1000.

PHLOX SUBULATA (Moss Pink)

Moss evergreen-like foliage, tucking close to the ground and covered completely with star-like flowers in May.

Alba. Pure white flowers.

Lilacina. A beautiful shade of lilac.

Rosea. Pink.

Price of any of the above Phlox, 3-inch pots, \$1.25 per doz.; per 100, \$8.00; \$70.00 per 1000.

ORIENTAL POPPIES (Papaver Orientale)

Goliath. One of the most effective; flowers of a rich scarlet; the largest flowered of this class. 3-inch pots, \$2.00 per doz.; per 100, \$15.00.

Mrs. Perry. A soft shade of salmon rose; a beautiful large flower. This variety should be in every garden. 3-inch pots, \$2.00 per doz.; per 100, \$15.00.

Perry's White. Pure satiny white with a bold crimson blotch at the base of each petal. 3-inch pots, \$2.50 per doz.; per 100, \$15.00.

Orientalis (*The Type*). Brilliant scarlet with a black centre. 3-inch pots, \$2.00 per doz.; per 100, \$15.00.

ICELAND POPPIES (Papaver Nudicaule)

Orange, Yellow, White; each color separate. 3-inch pots, \$1.50 per doz.; per 100, \$10.00.

PLUMBAGO (Lead-Wort)

Larpentae. One of the most desirable border and rock plants; it is of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers during the summer and fall months. 2¼-inch pots, \$1.50 per doz.; per 100, \$10.00.

RANUNCULUS (Crowfoot Buttercup)

Acris Fl. Pl. A double flowered form of our common buttercup. 2 feet, May and June.

Repens Fl. Pl. (*Bachelor's Buttons*). A pretty double flowering bright golden buttercup, bearing masses of flowers during May and June.

3-inch pots, \$1.50 per doz.; per 100, \$10.00.

RUDBECKIA (Cone-flower)

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom; well suited for cutting.

Golden Glow. A well-known popular plant; a strong, robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow Cactus Dahlia-like flowers from July to September. 4-inch pots, \$1.50 per doz.; per 100, \$10.00.

SAPONARIA (Soapwort)

Ocymoides Splendens (*Rock Soapwort*). Dwarf creeping habit; rosy crimson flowers. 3½-inch pots, \$1.50 per doz.; per 100, \$10.00.



Sedum Spectabile, Brilliant

SEDUM (Stonecrop)

Spectabile. One of the prettiest erect growing species; 18 inches high, with broad light green foliage and immense heads of showy rose colored flowers in September and October.

Spectabile "Brilliant." A rich colored form of the above, being a bright amaranth red.

3½-inch pots, \$1.50 per doz.; per 100, \$10.00.

SENECIO (Groundsel)

Pulcher. Forms a neat tuft of foliage from which springs up from July to October, a succession of 2 feet high stems, with clusters of brilliant rosy purple flowers, of good size. 2¼-inch pots, \$1.50 per doz.; per 100, \$10.00.

SOLIDAGO (Golden Rod)

The Golden Rod in a cultivated form is one of the best hardy garden plants. We have discarded all other varieties except the one listed, as we believe it fills every want for this plant.

Golden Wings. The finest of the Golden Rods; very showy; 5 feet high, with immense panicles of bright golden yellow flowers from July to September. 4-inch pots, \$1.50 per doz.; per 100, \$10.00.

SWEET WILLIAM (Dianthus Barbatus)

Michell's Prize Mixture. In all colors.

Pink Beauty (*Sometimes called Newport Pink*). A splendid shade of salmon, with immense flower trusses.

3½-inch pots, \$1.50 per doz.; per 100, \$10.00.

TRITOMA

(*Red-hot Poker, Flame Flower or Torch Lily*)

Pfitzerii The early, free and continuous blooming qualities of this variety have made it one of the great bedding plants. Strong divisions, \$1.50 per doz.; per 100, \$10.00; \$90.00 per 1000.

AMPELOPSIS—Veitchii (*Boston Ivy*). The popular climber for brick and stone buildings and walls. The leaves are a beautiful deep green which in the autumn turn to a coppery red. Strong plants, 4-inch pots, \$2.00 per doz.; per 100, \$15.00.



Buddleia, Variabilis Magnifica

BUDDLEIA, VARIABILIS MAGNIFICA

As a summer outdoor cut flower there are few plants that can be produced at anything like the low cost of Buddleia; a 3-inch pot plant will bloom profusely the first year and develop into a large bush. The long flower spikes are made up of numerous small florets; the color is a beautiful lilac, slightly on the shade of lavender; the cut blooms keep well in water, while the plant is a mass of bloom from late June until frost. It is perfectly hardy and increases in size and vigor each season. 3-inch pots, \$1.50 per doz.; per 100, \$10.00. Field grown plants 75c. each.

CLEMATIS, PANICULATA

(*Japanese Virgin's Bower*)

A strong, luxuriant grower, with light green foliage. At the close of August innumerable star-like flowers cover the vine in a sheet of fragrant white. 3-inch pots, \$1.50 per doz.; per 100, \$10.00; \$90.00 per 1000.

HARDY ENGLISH IVY

This is an invaluable plant for covering brick and stone walls and buildings. It rarely ever dies out and needs no attention. 4-inch pot-plants, 25c. each; per doz., \$2.50; \$20.00 per 100.

BERBERIS THUNBERGII (Japanese Barberry)

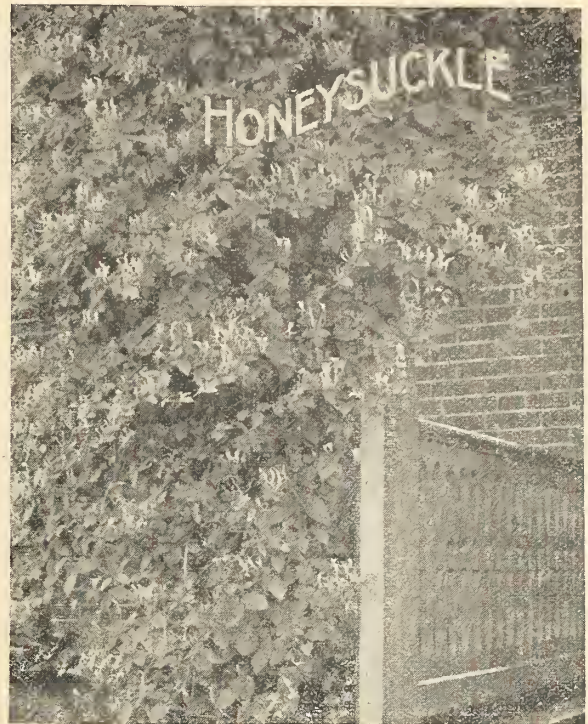
A good hardy plant of low dense growth. There is an air of grace and refinement to the Barberry Bush which is not embodied in any other hedge plant. It is a brilliant light green from early spring to winter. It should be regarded as a shrub, as it can be planted individually in lawn or border. The slender branches are prickly, with small thorns, and tend to make a defensive hedge that few animals will attempt to penetrate. In autumn the foliage is a bright crimson, when it falls a profusion of scarlet berries, which remain throughout the winter, are revealed on the branches.

Height	Each	Doz.	100
9-12 inches.....	\$0.20	\$2.00	\$15.00

BOXWOOD EDGING

We have a fine stock of good, thrifty, home grown plants.

	Each	Doz.	100
3 to 5 inches high.....	\$0.25	\$2.50	\$18.00
6 to 8 " ".....	.35	3.50	27.50
10 to 12 " ".....	.75	7.50	60.00



HONEYSUCKLE

This favorite requires very little comment or description, always yielding in their season a wealth of fragrant bloom.

Chinese Evergreen. Yellow and white variegated flowers; very fragrant; blooms the entire season.

Halliana (*Hall's Honeysuckle*). Flowers pure white, turning to yellow; fragrant, hardy evergreen; flowers from June until frost.

Variegated (*Aurea Reticulata*). Foliage beautifully mottled yellow and green; flowers white and yellow.

Price of any of the above Honeysuckles, 4-inch pot plants, 20c. each; per doz., \$2.00; \$15.00 per 100. 6-inch pot plants, 50c. each; per doz., \$5.00; \$35.00 per 100.

HOPVINE

Japanese. A rapid grower, with dark green foliage, and bearing a profusion of seed-pods, suitable for many domestic purposes. 3½-inch pot plants, 15c. each; per doz., \$1.50; \$10.00 per 100.

PUERARIA THUNBERGIANA

(*Kudzu Vine*)

This vine grows a foot a day and makes a dense covering; exceedingly attractive. Towards the end of summer it produces small, rosy-purple flowers. 3-inch pot plants 15c. each; per doz., \$1.50; \$10.00 per 100.

CALIFORNIA PRIVET

Unlike a fence, which needs painting, repainting, etc., and then never looks well, this hedge is no further expense after planted, and it adds dignity and charm to any home, and increases the value of real estate. Being absolutely hardy, it increases in beauty with each successive year. Privet is somewhat of an Evergreen nature and looks attractive until real winter sets in. Plants should be set 12 inches apart in double rows, in zig-zag fashion, so that the plants are diagonally opposite each other; this practically places them 6 inches apart, which is desirable to get a quick, dense growth. Plant from October 15th till the ground freezes, and from March 15th to May 15th.

Height	100	1000
1-yr. old, 18 to 24 inches.....	\$5.00	\$40.00
2-yr. old, 24 to 30 inches.....	7.00	60.00
2-yr. old, 30 to 36 inches.....	8.00	75.00

MICHELL'S SUMMER FLOWERING BULBS FOR FLORISTS

FANCY LEAVED CALADIUMS



Tuberous Rooted Begonias, Single and Double

BEGONIAS (Tuberous Rooted)

(Ready about January 1st.)

Very choicest giant flowering type. Extra large bulbs.

Single Begonias

	Doz.	100	1,000		Doz.	100	1,000
Coppery				Salmon..	\$2.00	\$14.00	\$130.00
Pink...	\$2.00	\$14.00	\$130.00	Scarlet..	2.00	14.00	130.00
Orange...	2.00	14.00	130.00	White...	2.00	14.00	130.00
Pink...	2.00	14.00	130.00	Yellow...	2.00	14.00	130.00
Rose....	2.00	14.00	130.00	Mixed...	2.00	14.00	130.00

Double Begonias

	Doz.	100	1,000		Doz.	100	1,000
Crimson..	\$3.00	\$20.00	\$185.00	White...	\$3.00	\$20.00	\$185.00
Pink....	3.00	20.00	185.00	Yellow...	3.00	20.00	185.00
Salmon..	3.00	20.00	185.00	Mixed...	3.00	20.00	185.00

BEGONIA, CRISPA

A beautiful frilled or crested type.

	Doz.	100	1,000		Doz.	100	1,000
Orange..	\$2.00	\$14.00	\$130.00	White...	\$2.00	\$14.00	\$130.00
Rose....	2.00	14.00	130.00	Mixed...	2.00	14.00	130.00
Scarlet..	2.00	14.00	130.00				

BEGONIA, CRISTATA

Beautifully fringed, single flowers.

	Doz.	100	1,000		Doz.	100	1,000
Orange..	\$2.00	\$14.00	\$130.00	Scarlet..	\$2.00	\$14.00	\$130.00
Rose....	2.00	14.00	130.00	Mixed...	2.00	14.00	130.00

CALADIUM ESCULENTUM (Elephant's Ear)

		Doz.	100	1,000
First Size Bulbs.	9 to 11 in. circum.	\$2.00	\$12.50	\$110.00
Second Size Bulbs.	7 to 9 in. circum.	1.00	6.25	55.00
Third Size Bulbs.	5 to 7 in. circum.	.60	3.00	27.50



Fancy Leaved Caladiums

These are grown for us on contract by one of the leading hybridizers of the world. Our list is composed of 12 of the best named sorts, covering a wide range of colors, which are difficult to describe accurately. Wonderful effects can be produced in table or conservatory decorations with these beautifully marked tropical foliage plants. The bulbs should be started in damp moss somewhat like Begonias, with plenty of bottom heat and an occasional dampening.

Do not allow them to get chilled, and at all times grow them in a warm, shaded place. Choice named sorts in 12 varieties. Per doz. \$2.25; \$15.00 per 100; per 1000, \$140.00.

CALLAS. See next page.

CANNAS. See page 71.

CINNAMON VINE ROOTS (Hardy)

Dark green, dense foliage with small, cinnamon scented blossoms; good stock for the florist who has a counter trade. Extra large size. 75c. per doz.; 100, \$5.00; \$47.50 per 1000.

Testimonial

Gentlemen:

Homer, N. Y.

The bulbs received this morning, and thank you very kindly for your promptness in filling this order.

Sincerely,
A. L. C.



Caladium Esculentum

MICHELL'S SUMMER FLOWERING BULBS FOR FLORISTS 69



Calla Elliottiana

CALLA

Elliottiana (Yellow Calla). This beautiful novelty should be extensively planted. The contrast of the golden yellow flowers placed among other blooms and foliage is truly remarkable, making a beautiful sight. The spotted foliage shows the flower off when using it as a pot plant, to great effect. In a short time this new variety will be wonderfully popular on account of its beauty and its low price.

	Doz.	100	1000
First Size, 1 1/4 to 1 3/4 in. diam.....	\$2.50	\$17.50	\$160.00
Mammoth Size, 1 3/4 to 2 in. diam.....	3.50	22.50	200.00

SPOTTED CALLAS

Flowers white; foliage green, spotted white. Per doz., \$2.25; \$14.00 per 100; per 1000, \$130.00.

DAHLIAS. See pages 72 and 73.

GLADIOLUS. See pages 74 and 75.



Gloxinias

GLOXINIAS

(Ready about January 1st.)

(Ready about January 1st.)					
	Doz.	100		Doz.	100
Purple.....	\$3.25	\$25.00	White.....	\$3.25	\$25.00
Red.....	3.25	25.00			

HYACINTHUS (Summer Hyacinth)

Candicans. White flowering; very desirable for planting in borders. Doz., \$1.00; \$7.00 per 100; per 1000, \$65.00.

MADEIRA OR MEXICAN VINE

Where florists have a counter trade or retail store these sell readily, and we recommend having a moderate supply on hand.

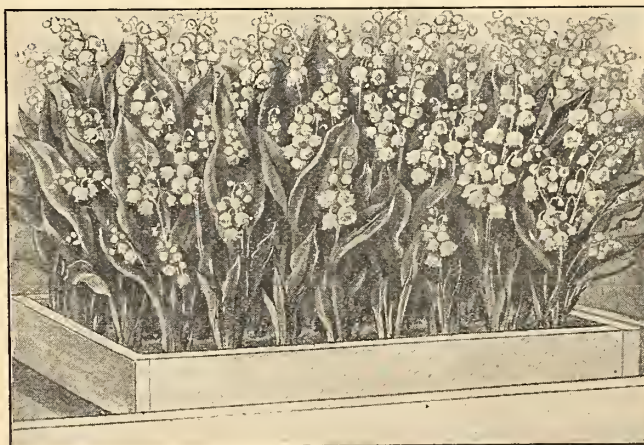
	Doz.	100	1000
Strong Roots or Tubers.....	\$0.65	\$4.00	\$35.00



Ismene Calathina

ISMENE CALATHINA (Pancratium Lily)

Flowers a beautiful waxy white; deliciously fragrant. Bulbs are not hardy and should be removed to the house in October. These sell readily as a bulb or flower, and for summer funeral work are equal to lilies. Per doz., \$1.50; \$10.00 per 100.



Lily of the Valley

LILY OF THE VALLEY

Giant Flowering (Cold Storage). For a number of years we have made a specialty of these and our strains are reputed to be among the finest. We have again procured and placed in storage a generous supply which can be shipped immediately or later as wanted. Prices on application.

LILIES. See next page.

MONTBRETIAS

A beautiful flowering bulb resembling a miniature Gladioli; fine for cutting.

	Doz.	100	1000
Aurantiaca. Deep orange.....	\$0.85	\$6.00	\$55.00
Fire King. Bright scarlet.....	.85	6.00	55.00
Geo. Davison. Pure yellow.....	.85	6.00	55.00

*Lily Auratum***HARDY JAPANESE LILIES**

These are a splendid pot plant proposition for the florist, they force readily in a moderate temperature, especially the Lil. Album, and other speciosum types marked.*

	Doz.	No. of Bulbs 100	Per Case	Per Case
Album (<i>Præcox</i>). Pure white:				
First size, 8 to 9 in.....	\$2.75	\$17.50	200	\$30.00
Mammoth, 9 to 11 in.....	4.00	27.50	125	32.50
Monster, 10 to 12 in.....	5.00	32.50	100	32.50
Auratum (<i>Golden Banded Lily</i>):				
First size, 8 to 9 in.....	2.25	15.00	200	25.00
Mammoth, 9 to 11 in.....	3.50	25.00	125	27.50
Monster, 11 to 13 in.....	4.00	27.50	100	27.50
*Magnificum . Rich crimson:				
First size, 8 to 9 in.....	2.75	17.50	200	30.00
Mammoth, 9 to 11 in.....	4.00	27.50	125	32.50
Monster, 11 to 13 in.....	5.00	32.50	100	32.50
*Rubrum or Roseum . Pink:				
First size, 8 to 9 in.....	2.75	17.50	200	30.00
Mammoth, 9 to 11 in.....	4.00	27.50	125	32.50
Monster, 11 to 13 in.....	5.00	32.50	100	32.50
Tigrinum Flore Pleno . Double..	2.25	16.00		
Tigrinum Splendens . Single....	2.25	16.00		
		Doz.	100	
Batemanni . Orange red.....		\$2.50	\$18.00	
Brownii . Pure white inside, outside brown.....		6.00	42.50	
Hansoni . Reddish orange.....		5.50	40.00	
Henryi . Orange yellow.....		6.00	42.50	
Krameri . Blush pink.....		2.25	16.00	
Macranthum . Giant Golden Banded Lily.....		4.75	35.00	
Wittei . Fragrant; white, yellow band.....		7.50		

MISCELLANEOUS HARDY LILIES

Hardy Native lilies are always an attraction and can at times be utilized in various ways, by reason of their oddity.

	Doz.	100
Canad'ense . Bright yellow.....	\$1.50	\$10.00
Canad'ense Rubrum . Red.....	3.00	20.00
Elegans Leonard Joerg . Apricot pink.....	2.25	15.00
Regale (<i>My iophyllum</i>). White (Each, 75c.).....	8.00	50.00
Superbum . Orange red.....	1.25	8.00

*Lilium Giganteum***LILIUM LONG. GIGANTEUM (Cold Storage)**
MICHELL'S SPECIAL BRAND

Grown for us by the most reliable Lily grower in Japan. We have placed in cold storage a splendid lot of bulbs, against which we are booking orders; if your wants for 1923 are not covered in this line, we should be glad to supply them.

No. of Bulbs per Case

6 to 8 inches.....	400.....	} Prices will be established later
7 to 9 inches.....	100.....	
7 to 9 inches.....	300.....	

TUBEROSES

We have contracted for a very fine stock of bulbs of full size, the kind that bloom. Planted outdoors in April, they provide an inexpensive crop of profitable flowers for late summer and early autumn trade.

Mammoth Pearl. Double pure white. Full 4 to 6 in. circum. bulbs, 50c. per doz., per 100, \$2.75; \$22.50 per 1000.

Albino. Single white, 1st size bulbs, 50c. per doz.; 100, \$2.75; \$22.50 per 1000.

Mexican. Single white, 1st size bulbs, 50c. per doz.; 100, \$2.75, \$22.50 per 1000.

ZEPHYRANTHES

This is a small flowering type of dwarf growing Amaryllis adapted for pot and pan culture.

	Doz.	100
Treata Alba . White..	\$0.85	\$5.00
Treata Rosea . Pink..	2.00	15.50

OXALIS

(Summer Flowering)

Splendid for the florist with a retail store; they sell readily.

	Doz.	100	1000
Deppii . White.....	\$0.10	\$0.75	\$6.50
Lasiandra . Pink.....	.10	.75	6.50
Shamrock . Pink.....	.10	.75	6.50

*Pearl Tuberose*

MICHELL'S (Home Grown) THRIFTY CANNA ROOTS

71



Our Roots are extra strong, with plenty of eyes, are clean and absolutely true to name. When ordering please state if immediate shipment is desired; also if we shall send via express or freight. The heights quoted on Cannas are as they grow in our nursery. These may vary with soil and climatic changes.

	Doz.	100	1000		Doz.	100	1000
Alphonse Bouvier. Rich velvety red; green foliage; 5 feet.....	\$0.65	\$4.00	\$35.00	Panama. Large flowers; red, edged yellow; green foliage; 4 feet.....	\$1.00	\$7.00	\$60.00
Austria. Lemon chrome yellow; green foliage; 5 feet.....	.65	4.00	35.00	President. This splendid new variety produces immense flowers of a rich, glowing scarlet; superior in quantity and quality of bloom to any other red variety; green foliage; 4 feet.....	.85	6.00	50.00
Brandywine. Crimson; bronze foliage; 4½ feet.....	.65	4.00	30.00	Richard Wallace. Gigantic clusters of light yellow flowers; green foliage; 4½ feet.....	.65	3.00	25.00
Chas. Henderson. Deep crimson; green foliage; 4½ feet.....	.65	4.00	30.00	Rosea Gigantea. A wonderful novelty; the largest of pink cannas in existence; color, rich rose pink; foliage green; 3½ feet.....	2.00	15.00	125.00
Cheerfulness (New). Beautiful deep orange with golden border and carmine markings; green foliage; 3½ feet.....	1.00	7.00	60.00	Wintzer's Colossal. Bright scarlet; green foliage; 5 feet.....	.85	6.00	50.00
City of Portland. A glowing pink; flowers borne in great profusion; green foliage; 3½ feet.....	1.75	12.00	100.00	Wyoming. Orange chrome red; bronze foliage; a wonderful canna; 6½ feet.....	.60	3.00	25.00
Eureka. The best white variety; free bloomer; green foliage; 4 feet.....	1.00	7.00	65.00	Yellow King Humbert (Queen Helen). A sport from King Humbert; flowers golden yellow, dotted red; green foliage; 4½ feet..	1.00	7.00	60.00
Express. Dwarf, crimson; green foliage; 2½ feet.....	.65	4.00	30.00				
Firebird. One of the best red flowered, green-leaved Cannas. Color, a brilliant scarlet, without any spots; 4½ feet.....	1.00	6.00	50.00				
Florence Vaughan. Yellow, spotted crimson; green foliage; 5 feet.....	.65	4.00	30.00				
Gem (New). Color, deep cream or straw-yellow, dotted with pale carmine; green foliage; 4½ feet.....	1.00	7.00	60.00				
Gladiator. Deep yellow, spotted red; excellent bedder; green foliage; 5 feet.....	.85	6.00	50.00				
Hungaria. Dwarf and compact; rich peach blossom pink; green foliage; 3½ feet.....	1.50	10.00	90.00				
Italia. Orange scarlet, broadly edged yellow; green foliage; 5½ feet.....	.65	4.00	35.00				
King Humbert. A king among cannas, because of its majestic growth; color, coppery scarlet; bronze foliage; 4½ feet.....	.85	5.00	40.00				
Meteor. Of compact growth; broad green foliage; bright red flowers; 4½ feet.....	.85	5.00	40.00				
Mme. Crozy. Scarlet, bordered golden yellow; green foliage; 3 feet.....	.85	5.00	40.00				
Mrs. Alfred F. Conard. Gigantic flowers; color, salmon pink; light green foliage; 4 feet	1.75	12.00	100.00				

MIXTURES OF CANNAS

Dwarf French Mixed..... .60 4.00 30.00

CANNA NOVELTIES

Candelabra

Three to five flower branches on each stalk at one time is the average, and every single branch is ablaze with a torch-like flame of fiery, orange-scarlet bloom; 5 feet. 35c. each; doz., \$4.00.

King Midas

Very large flowers of glittering gamboge-yellow. An outstanding variety, making glorious trusses on stems as straight as an arrow, crowned with their masses of dazzling yellow blooms all summer. A true Canna aristocrat; 5 feet. 75c. each; doz., \$8.50.

Mohawk

Flowers are large, with long petals that withstand hot sun and rain. Color is brilliant poppy-red turning to carmine; bronze foliage; 5 feet. 40c. each; doz., \$4.50.

6 CANNAS OF ANY ONE VARIETY AT DOZEN RATE; 25 AT 100 RATE; 250 AT 1000 RATE.

(ow)

MICHELL'S SUPERB DAHLIAS FOR FLORISTS

Our list contains the best varieties for Florists, and are especially selected as to their value as cut flowers. We advise early ordering to insure the reservation of varieties, that later may be sold out and save you any disappointment.

Orders for less than 6 Dahlias of a variety offered here or which may be found in our retail catalog, will be executed at the retail price, less 20%; see retail catalog for a complete list; write for a copy if you do not have one.

	Doz.	100
A. D. Livoni. (Show). Soft pink; extra fine, free bloomer.....	\$2.75	\$20.00
Albert Manumene (Collarette). Velvety crimson purple, white tips.....	1.75	12.50
Alewine (Pompon). Delicate pink, tinted lilac....	1.50	10.00
Amber Queen (Pompon). Rich, clear amber.....	1.50	10.00
Arbutus (Pompon). White and pink.....	1.50	10.00
Attraction (Cactus). Clear lilac rose.....	5.00	40.00
Aurora (New) (Dec.). Buff, shaded old rose.....	7.50	55.00
Ayesha (Dec.). Light yellow, long stems.....	4.00	30.00
Berth. v. Hemsteede (Paony). Yellow, suffused bronze.....	2.50	17.50
Bianca (Cactus). Beautiful lavender.....	5.00	35.00
Break O'Day (Dec.). Clear sulphur yellow.....	2.25	15.00



Paony Dahlia, Dream

	Doz.	100
Chatenay (Paony). Pink; excellent cut flower sort	\$2.75	\$20.00
Catherine (Pompon). Bright yellow.....	1.50	10.00
Cheerfulness (Pompon). Old gold, tipped crimson..	1.50	10.00
Cream Century (Century). Creamy white.....	1.75	12.50
Dee-Lighted (Dec.). White; immense flower; strong grower.....	3.50	25.00
Diana (Paony). Dark red; very large flowers....	5.00	37.50
Dream (Dec.). Beautiful pink; fine cut flower....	5.00	37.50
Dreer's Yellow (Show). Early and profuse bloomer; pure yellow.....	5.50	40.00
Elgrave (Collarette). Rich maroon; tipped white..	1.75	12.50
Elsie (Cactus). Buttercup yellow, shaded tyrian rose	2.75	20.00
Etendard de Lyon (Dec.). Magenta; very large..	3.50	25.00
Flora (Cactus). Ivory white.....	3.00	22.00
Fringed 20th Century (Century). Pink, shaded white; frilled petals.....	1.75	12.50
Geisha Century (Century). Red and yellow.....	1.75	12.50
Gloria (Pompon). Red.....	1.50	10.00
Golden Century (Century). Golden yellow.....	1.75	12.50



Cactus Dahlia, Kalif

	Doz.	100
Golden Gate (Cactus). Rich golden yellow; large flowers.....	\$5.00	\$35.00
Golden West (Cactus). Golden shrimp pink.....	5.00	35.00
Grand Duke Alexis (Show). White, shaded lavender; quilled petals.....	2.75	18.00
Hortulanus Fiet (Dec.). Rich salmon pink.....	8.00	60.00
Jack Rose (Dec.). Of the same shade as the rose with the same name.....	1.50	10.00
John Wanamaker (Paony). Lavender pink.....	4.00	30.00
Kalif (Cactus). Vivid red; large.....	8.00	60.00
King Albert (Dec.). Rich royal purple.....	9.00	65.00



Single Dahlia, Geisha Century



Collarlet Dahlia, Maurice Rivoire

	Doz.	100
Klein Domitea (Pompon). Bright amber	\$1.50	\$10.00
Kriemhilde (Cactus). Pink, white centre	1.75	12.50
Leader (Pompon). Dark red, yellow toward centre	1.50	10.00
Libelle (Cactus). Dark purple	1.75	12.50
Lyndhurst (Dec.). Vermillion	2.50	18.00
Marjorie Castleton (Cactus). Soft pink	1.50	10.00
Marlby (Collarlet). Yellow and old rose	1.75	12.50
Maud Adams (Show). White, suffused lilac	2.75	20.00
Maurice Rivoire (Collarlet). Crimson maroon, white collar	1.75	12.50
Minnie McCullough (Dec.). Golden yellow, tipped bronze red	1.50	10.00



Show Dahlia, Maud Adams

	Doz.	100
Mina Burgle (Dec.). Dark scarlet	\$2.75	\$20.00
Mme. Echenauer (Cactus). Sulphur white suffused pale lilac	5.00	35.00
Mont Blanc (Cactus). Pure white	2.50	18.00
Mrs. C. H. Breck (Cactus). Yellow, shaded old rose	4.00	30.00
Mrs. Edna Spencer (Cactus). Orchid pink	8.00	60.00
Oregon Beauty (Dec.). Oriental red	3.00	22.50
Parthos (Dec.). Purple, shading to lavender	5.00	35.00
Perle de Lyon (Cactus). Pure white	1.75	12.50
Pink Dandy (Pompon). Clear pink	1.50	10.00
Pink Jack Rose (Dec.). Lavender pink	1.75	12.50
Praxitelles (Single). Maroon, tipped white	1.75	12.50
President Lincoln (Paeony). Purple, yellow centre	9.00	65.00
Princess Juliana (Paeony). White	2.25	15.00
Professor Mansfield (Dec.). Yellow, red and white	1.75	12.50
Queen Elizabeth (Paeony). Rosy mauve	4.00	30.00
Queen Emma (Paeony). Hollyhock pink	3.00	22.50
Queen Mary (Dec.). Cerise pink	1.75	12.00
Queen of Hearts (Cactus). White, with creamy yellow at base of petals	2.25	15.00
Rautendelein (Single). Red, tipped white	1.75	12.50



Decorative Dahlia, Queen Mary

	Doz.	100
Red Grand Duke (Show). Cardinal red	\$1.75	\$12.50
Red Hussar (Show). Rich red; good bloomer	1.75	12.50
Rhaden Kartini (Dec.). Old rose, gold centre	6.50	45.00
Rosella (Pompon). Yellow and old rose	1.50	10.00
San Toy (Pompon). White, heavily edged carmine	1.50	10.00
Sylvia (Dec.). Deep pink	1.75	12.50
Thompson (Dec.). Brilliant scarlet	1.75	12.50
Tillamook (Dec.). Lavender and white, with quilled petals	1.75	12.50
Vivid (Pompon). Vivid red	1.50	10.00
White Century (Century). Pure white	2.25	15.00
White Swan (Show). Pure white	1.50	10.00
Wodan (Cactus). Salmon color	5.00	37.50
Yellow Duke (Dec.). Primrose yellow	1.75	12.00
Yellow King (Cactus). Golden yellow	2.75	17.50

DAHLIAS IN SEPARATE COLORS

These are splendid for retailing in your store; dry roots only.

	Doz.	100
Pink. Cactus, Decorative, Show and Single	\$1.50	\$10.00
Red. Cactus, Decorative, Show and Single	1.50	10.00
White. Cactus, Decorative, Show and Single	1.50	10.00
Yellow. Cactus, Decorative, Show and Single	1.50	10.00
Mixed. All colors, types and varieties	1.25	9.00

Specify which type you want when ordering.

MICHELL'S SUPERB GLADIOLUS (Bulbs)



Gladiolus, America

NAMED VARIETIES

	Doz.	100	1000
America. One of the best Gladioli in existence. The color is a beautiful flesh pink, tinged with lavender. The flowers are of the largest size, the petals are round, thick and strong, and will last a long time after being cut.			
First size bulbs.....	\$0.50	\$3.00	\$25.00
Second size bulbs.....	.40	2.25	17.50
Augusta. Produces graceful, slender stems, which are dressed with beautiful flowers of pure white, slightly tinged and striped pink, which opens all at one time.			
First size bulbs.....	.60	3.75	32.50
Second size bulbs.....	.45	2.75	22.50
Baron Hulot. Large flowers, well arranged on long spikes. Color is a deep indigo blue, slightly marked white at the base of the throat.....	.75	5.25	45.00
Bertrex (New). Stands at the top of all existing white varieties; flowers are of good substance and of the size and form of America..	1.35	9.25	85.00
Brenchleyensis. One of the best for bedding or planting in front of shrubbery. The flowers are of a vermillion scarlet color.....	.55	3.50	30.00
Chicago White. One of the leading varieties for cut flower purposes.....	.60	3.75	32.50
Empress of India. Maroon black; very dark, rich and fine.....	.85	6.25	55.00
Evelyn Kirtland (New). Flowers of strong substance; color, a beautiful shade of rosy pink, darker at the edges, fading to shell pink at the center, with scarlet blotches on lower petals.....	1.35	9.25	85.00
Glory of Holland. A grand flower; one of the largest and purest whites.....	.75	5.25	45.00
Gretchen Zang (New). Large, heavy blooms; a beautiful, soft shade of pink, blending into scarlet on lower petals.....	1.00	6.75	60.00

IMPORTANT

Most growers want the largest gladiolus bulbs they can get. Many varieties of Gladioli produce only medium sized bulbs and for that reason should not be condemned. This is especially true in the case of mixed Gladioli, either in colors or shades of color. The smaller bulbs are frequently the finest varieties; as a matter of fact sometimes the largest bulbs do not bloom at all, due to the vigor for flowering strength being exhausted. Bulbs averaging 1 1/4 inch in diameter and upward produce the best flowers, whether planted outdoors or under glass.

NAMED VARIETIES (Continued)

Halley: Very large, well expanded flowers of a lovely salmon pink; the lower segments are blotched yellow with carmine markings.	Doz.	100	1000
First size bulbs.....	\$0.55	\$3.50	\$30.00
Second size bulbs.....	.45	2.75	22.50
Herada (New). Blooms of immense size on tall straight spikes; the color is pure mauve, glistening and clear.....	1.50	10.00	87.50
Independence. Large wax like flowers; color; orange rose with richly marked throat.....	.55	3.50	30.00
Jean Dieulafoy. Flowers creamy white, with maroon colored throat.....	1.20	8.25	75.00
Klondyke. The flowers are of medium size and of great substance; clear primrose yellow with a crimson blotch in the throat.....	.75	5.00	42.50
Le Marchal Foch. Flowers of immense size, beautifully ruffled; color, salmon pink, flaked and striped deeper at edges of petals.....	1.75	12.50	110.00
Lily Lehman. Blush white, tinged with pink; splendid flowers, arranged around the stem like water lilies.....	1.20	8.00	70.00
Mary Fennell. Beautiful deep lavender flowers on a tall, slender spike; lower petals penciled with primrose yellow.....	1.20	8.25	75.00
Mrs. Francis King. A most beautiful flame pink. Immense flowers on a spike growing 4-feet high, with from 18 to 20 flowers, 6 to 8 being open at one time.			
First size bulbs.....	.50	3.25	27.50
Second size bulbs.....	.45	2.75	22.50



Gladiolus, Empress of India



Gladiolus, Niagara

NAMED VARIETIES (Continued)

Doz. 100 1000

- Mrs. Frank Pendleton, Jr.** One of the most exquisitely colored and formed Gladiolus in our entire list. The color is a delicately flushed salmon pink, extending to the reverse side of the petal, as well as in the centre. The blooms are wide open and are arranged individually on very wiry stems. Each flower is doubly enhanced by a rich maroon blotch on the three lower petals. \$0.85 \$6.25 \$55.00
- Myrtle.** A beautiful soft pink; flowers of large size and fine form. 1.20 8.50 75.00
- Niagara.** A shade of rich cream combined with canary yellow; the individual flowers are very large and are borne in pairs, one opposite the other.80 5.75 50.00
- Panama.** For form and habit this has all the desirable features of the variety "America," but the wonderful color can best be described by comparing it with that of the popular rose, "Mrs. Jno. Laing," an incomparable rose pink.70 4.50 40.00
- Peace.** A grand pure white flower with just a slight marking of a lilac feather on the lower petal. The plant is very robust, 5 feet high and shows enormous flowers, well placed all along the stem.75 5.25 45.00
- Pink Perfection.** Rose pink, with 8 to 10 flowers open at one time. The flowers are well expanded and of the most perfect form. 1.00 7.25 65.00
- Prince of Wales.** Beautiful orange salmon; flowers large; blooms early. 1.00 6.75 62.50
- Scarsdale.** Long, graceful spikes of wide open flowers, of a pleasing lavender shade; a most unique and distinct color.65 4.00 35.00
- Schwaben.** One of the newer of the yellow varieties; a magnificent cut flower, because the flowers all open pretty much at one time.75 5.00 45.00
- War.** This is undoubtedly one of the largest flowered sorts; deep red, shaded crimson and showing 4 to 6 blooms at one time. 1.00 6.50 55.00

NAMED VARIETIES (Continued)

Doz. 100 1000

- Willbrink.** Lovely flesh pink, with creamy white blotch on lower petals. \$0.90 \$6.00 \$52.50
- Willie Wigman.** Tinted white, with large scarlet blotches; very showy.90 6.00 52.50
- Yellow Hammer.** Pure yellow, lightly marked with red in the throat; a beautiful variety for cutting.75 5.25 47.50

GLADIOLI, PRIMULINUS

All the following varieties are extra fine for forcing purposes.

Doz. 100 1000

- Canary Bird.** Canary yellow.85 \$6.25 \$55.00
- Flamingo.** Deep flamingo pink.85 6.25 55.00
- Flora.** Pink, white centre.85 6.25 55.00
- Jewel.** Light salmon pink, with golden yellow blotch. 1.50 10.00 85.00
- Salmon Queen.** Beautiful salmon color.85 6.25 55.00
- Sunray.** Golden orange.85 6.25 55.00
- Major Hybrids.** From light yellow to deep orange, and from salmon pink to crimson, also a few white.50 3.00 25.00

UNNAMED GLADIOLI (Separate Colors)

Doz. 100 1000

- Pink and Rose.** \$0.50 \$3.25 \$25.00
- Red and Scarlet.**50 3.25 25.00
- Striped and Variegated.**50 3.25 25.00
- White and Light.** (Special Mixture.) For forcing.50 3.25 27.50
- Yellow and Orange.** All shades.60 4.00 30.00

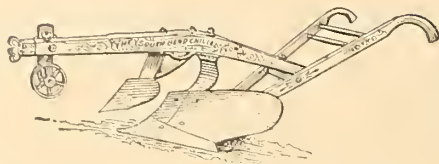
MIXTURES OF GLADIOLI

- Extra Choice Mixed.**40 2.50 18.00
- Mitchell's Giant Flowering Mixture.**50 3.00 22.50

NOTICE.—Prices on Gladiolus are subject to market changes and conditions



Gladiolus, Primulinus Major Hybrids Var.

**SOUTH BEND PLOWS**

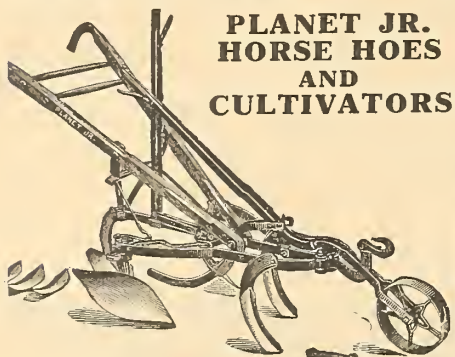
This plow has been one of the favorites in the section of Philadelphia for many years. It is neatly and substantially made and gives splendid satisfaction.

- No. 1B. For one horse; wood beam...\$8.50
 No. 2F. For one heavy horse or two light horses; wood beam...10.75
 No. 3F. 2-horse; wood beam...14.00
 No. 4F. Steel beam for 2 horses...16.00

The prices above are for plain plows with clevis only. Jointers and wheels can be supplied for Nos. 2, 3 and 4.

If the wheel only is wanted, add \$1.75, or if jointer only is wanted, add \$3.50 to the prices quoted above.

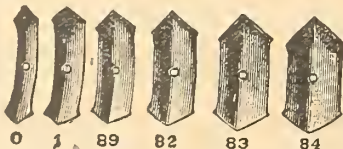
Shares for S. B. Plows. No. 1, 45c. each; No. 2, 50c. each; No. 3, 60c. each.

**PLANET JR. HORSE HOES AND CULTIVATORS**

No. 8 Planet Jr. Horse Hoe

Planet Jr. Implements are in great demand by the market garden industry everywhere. While we list here only a few popular styles, we are prepared to furnish the complete line, also riding cultivators.

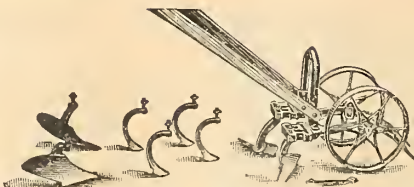
- No. 8. Horse Hoe and Cultivator...\$16.50
 No. 7. Horse Hoe and Cultivator...15.75
 No. 90. 12-tooth Harrow (Complete) Wheel and Pulverizer...16.50
 No. 4. Horse Hoe with Wheel...10.25
 No. 9. Horse Hoe with Wheel...12.50
 No. 82. Horse Hoe with Wheel...16.00

**HORSE CULTIVATOR TEETH (All 8 inches long).**

- | | |
|-----------------|--------|
| Width | Each |
| 1 1/4 inch..... | \$0.15 |
| 1 3/4 inch..... | .17 |
| 2 1/4 inch..... | .20 |
| 3 inch..... | .23 |
| 4 inch..... | .26 |
- Bolts for Teeth, 4c. each, per doz., 40c.

PLANET JR. "STAR" PULVERIZER

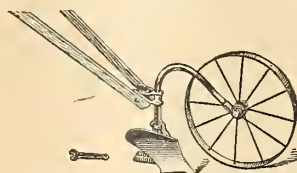
A dandy implement for destroying weeds, pulverizing the soil, etc., \$5.75 each.

**PLANET JR. WHEEL HOES**

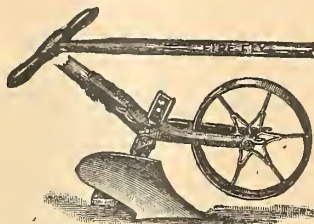
- No. 12. Double wheel (see cut)...\$10.50
 No. 13. Double wheel.....7.50
 No. 11. Double wheel.....13.75
 No. 16. Single wheel.....8.50
 No. 17. Single wheel.....7.00
 No. 17 1/2. Single wheel.....6.25
 No. 18. Single wheel.....5.25
 No. 33. Single wheel.....5.50
 No. 119. Plow and Cultivator Combined.....5.00

PLANET JR. WHEEL HOE PARTS

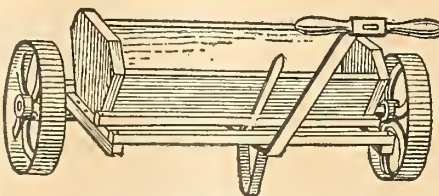
- Side Hoes, per pair, 4 1/2-inch, \$1.10;
 6-inch, \$1.10; 7-inch.....\$1.25
 Side Plows, per pair.....1.40
 Cultivator Teeth, each......30
 Peat Land Hoes, per pair.....2.00

**IRON AGE WHEEL PLOW**

- No. 11. Single wheel.....\$4.00

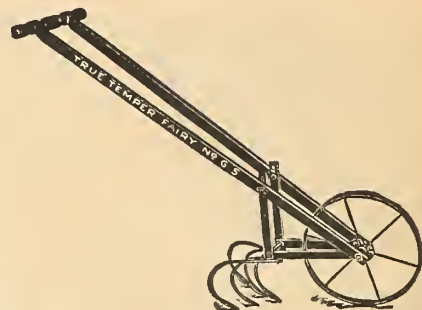
**FIRE-FLY GARDEN PLOW**

Exceedingly useful to every owner of a garden. It throws furrows various widths; very desirable for plowing up gardens for new crops, after general plowing in spring. Price, \$3.50.

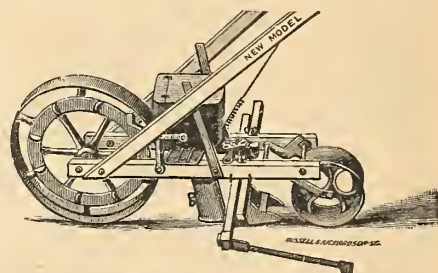
**STEVENS' FERTILIZER DISTRIBUTOR**

Hand Machine. For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds about 1 3/4 bushels. Covering area, 3 feet wide. Price, \$20.00.

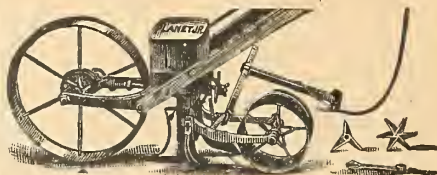
Horse Machine. This style is suitable for use on large lawns, fields and golf grounds. It has a device for regulating the quantity to be sown. It is furnished equipped for either one or two horses as may be desired. 5 foot, 10-inch spreading area, 8 foot, 3-inch spreading area. Prices upon application.

**No. G5 FAIRY TRUE TEMPER GARDEN CULTIVATOR**

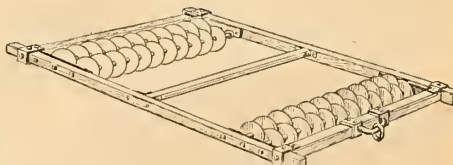
Equipped with a 14-inch oval spoke wire wheel and five cultivator teeth, which may be adjusted in many ways, for cultivating rows from 8 to 10 inches apart. Price, \$3.25.

**MODEL SEED DRILL**

This is designed as a drill seeder only; the depth of sowing can be regulated to any desired distance. It is well named the market gardener's drill, having a large capacity for seeds, and is a wonderfully efficient machine. Price, \$13.50.

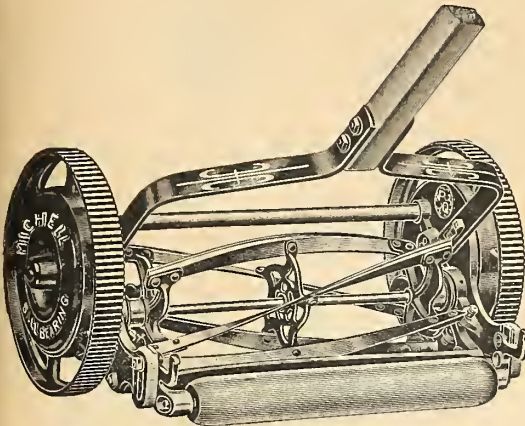
**SEED DRILLS—Planet Jr.**

- No. 4D. Plain.....\$13.50
 No. 4. Combined.....17.00
 No. 3. Plain only.....16.50
 No. 25. Combined.....21.00
 No. 31. Combined Seeder and Wheel Hoe, complete..11.50
 No. 31D. The above machine as a seeder only.....9.00

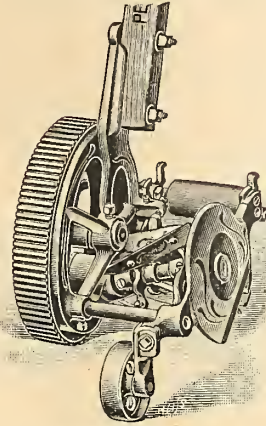
**MEEKER DISC HARROW**

The ideal implement for the market gardener; it makes a seed bed as fine as can be made with a rake; is easy on the horse and does the work quickly and satisfactorily.

- Price
 No. 1—4 ft. 6 in. x 4 ft.—8 in. discs \$35.00
 No. 2—6 ft. 8 in. x 6 ft.—8 in. discs 37.50
 No. 3—6 ft. 8 in. x 6 ft.—10 in. discs 45.00
 No. 4—8 ft. 6 in. x 6 ft.—8 in. discs 48.00



Michell BB High Wheel Lawn Mower



Pennsylvania Regular Lawn Trimmer

THE MICHELL HIGH WHEEL BALL BEARING LAWN MOWER

5-blade cylinder.

15-inch.....\$18.00	19-inch.....\$23.60
17-inch.....20.80	21-inch.....25.45

CONTINENTAL LAWN MOWERS

High wheel, 10 1/2-inch diameter.

15-inch.....\$23.60	19-inch.....\$30.00
17-inch.....26.35	21-inch.....33.75

PENNA. JR. BALL BEARING

8-inch or low wheel; 5-blade cylinder; 5 1/2-inch diameter.

12-inch.....\$13.40	16-inch.....\$18.50
14-inch.....16.20	18-inch.....21.30

10-inch or high wheel, 5-blade cylinder, 6-inch diameter.

15-inch.....\$23.60	19-inch.....\$30.05
17-inch.....26.35	21-inch.....33.75

PENNSYLVANIA GOLF

For Putting Greens and close cutting.

9 1/2-inch wheel, 7-blade cylinder.

17-inch, Ball Bearing.....\$31.45
19-inch, Ball Bearing.....35.15
21-inch, Ball Bearing.....38.85

PENNA. PUTTING GREENS

Roller Mower Type

16-inch.....\$31.45	18-inch.....\$35.15
---------------------	---------------------

TOWNSEND'S GOLF WONDER

14-inch.....\$21.00	18-inch.....\$26.00
16-inch.....23.00	20-inch.....28.00

The above prices do not include catchers. Catchers and fan with deflector, \$6.00 each.

COLDWELL IMPERIAL

HIGH WHEEL

Roller bearing, 5-blade cylinder.

14-inch.....\$16.00	18-inch.....\$19.00
16-inch.....17.50	20-inch.....20.50

GREAT AMERICAN BALL BEARING

High wheel.

15-inch.....\$17.10	19-inch.....\$22.20
17-inch.....19.90	21-inch.....24.50

JEWEL MOWER

High wheel, 4-blade cylinder.

12-inch.....\$7.00	16-inch.....\$8.00
14-inch.....7.50	

ORCHID BALL BEARING

High wheel.

14-inch.....\$14.80	18-inch.....\$15.75
16-inch.....15.25	

CLEAN CUT LAWN MOWER BLADE (Imp.)

An attachment which can be fastened to any hand machine that will leave an even, smooth cut turf. Price for any size machine, \$1.50 each.

LAWN TRIMMERS

For cutting around walks, drives, flower beds and borders.

Penna. Regular style, plain-bearing..\$9.75
Penna. Undercut style; ball-bearing. 11.10

Capitol.....10.25

Coldwell.....9.00

Coldwell Gem. 8-inch cut.....7.25

GRASS CATCHERS

Braun's Make

For the Pennsylvania, Continental, Great American Ball-Bearing and Michell Mowers.

12-inch.....\$2.75 15-inch.....\$3.25 |

14-inch.....3.00 17-inch.....3.50 |

16-inch.....3.25 19-inch.....3.70 |

18-inch.....3.50 21-inch.....3.95 |

Catchers for Penna. Golf Mowers

All sizes, 14- to 21-inch, \$7.20 each.

Catchers for Penna. P. G. Mowers

All sizes, 12- to 18-inch, \$7.20 each.

K. C. GRASS CATCHER

Fits any Mower

Made of sheet iron bottom and canvas sides. Price, 12- to 16-inch size, \$1.50 each; 18- to 22-inch size, \$1.80.

HORSE LAWN MOWERS

Coldwell, 30-inch, Complete, seat

and shafts.....\$110.00

Coldwell, 35-inch, Complete, seat

and shafts.....120.00

Penna. Pony, 25-inch, 4 blades.... 57.00

Penna. Pony, 25-inch, 6 blades.... 66.00

Penna. Horse, 30-inch, with seat

and shafts.....133.00

30-inch, without seat and shafts.. 109.25

Penna. Horse, 38-inch, with seat

and shafts.....166.25

38-inch, without seat and shafts... 142.50

Penna. Grand Horse Mower

30-inch, with draft irons only.....\$123.50

30-inch, with seat, and shafts..... 147.25

38-inch, with draft irons only..... 156.75

38-inch, with seat, and shafts..... 180.50

MOTOR MOWERS

Coldwell, Model M—40-inch cut..\$1300.00

" " G—35-inch cut.. 475.00

" " H—30-inch cut.. 425.00

" " L—25-inch cut.. 325.00

(F. o. b. Newburgh, N. Y.)

Four-Acre, 24-inch cut, complete

with grass catcher..... 275.00

Ideal, 30-inch cut..... 340.00

Ideal, 22-inch cut..... 225.00

Grass box for Model L..... 25.00

Grass box for Model H..... 25.00

Riding sulky for Ideal Mowers are f. o. b.

Phila.

Riding sulky for Four-Acre Mowers are

f. o. b. Racine, Wis.

COMBINED OR GANG HORSE MOWERS

Townsend's Triplex, 86-inch cut..\$375.00

(F. o. b. Bloomfield, N. J.)

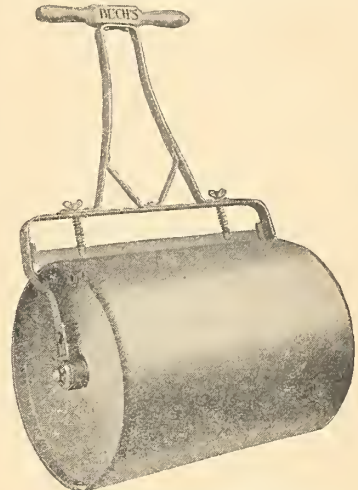
Penna. Trio, 86-inch cut.....\$400.00

Shawnee, 84-in. cut. Price on application.

Coldwell, 87-inch cut. Price on application.

LAWN MOWER OIL (Best Quality)

30c. pint; quart, 45c.; gallon, 90c.



Keystone Water Ballast Roller

MICHELL'S WATER BALLAST ROLLERS

Fill with water which will weigh it up to any desired number of pounds desired, as shown below. Equipped with feature for balancing handles.

No.	Sections	Diam.	Width	Weight Empty	Weight filled with Water
601...	14	20	60	250..	\$16.65
602...	18	24	75	330..	20.00
603...	24	24	180	525..	23.25
604...	24	32	200	665..	25.20

Prices on Iron Horse Rollers on application.

PUTTING GREEN ROLLERS

Cast steel, 4 ft. long, 10-inch diameter, 4 sections, weight 155 lbs., Price \$31.50

KEYSTONE HAND LAWN ROLLERS

Drums are equipped with five spokes; the face is ground smooth and carefully finished. The steel roller bearings are mechanically constructed making the roller operate so easily a child can handle it. The handle is made of steel and hard wood; is equipped with a balance weight, so that it is always in an upright position. The drum or roller part has a bevel edge so that it cannot tear up the lawn or ground when being turned.

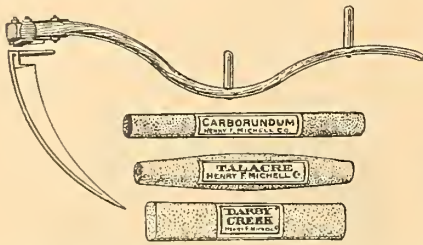
No.	Diam. In.	Length or Width In.	No. of Sects.	Weight Lbs.	Price
501	15	15	2	175	\$14.40
502	15	22	3	250	17.10
504	20	20	2	250	18.90
507	20	24	2	300	22.50
508	20	30	3	350	26.10
509	24	20	2	400	30.60
511	24	24	3	450	33.30
512	24	30	3	500	37.80
514	28	24	3	500	37.80

MICHELL'S FARM AND GARDEN ACCESSORIES



GRASS SHEARS

No.		
26—6-in. American	.....	\$0.40
114—7-in. English, Trowelshank handle	.....	1.50
113—6-in. English, straight handle	....	1.90
113—7-in. English, straight handle	....	2.00
0267—6-inch American	.....	.75
0267—7-inch American	.....	1.00
Goodwin make, each	.....	1.50

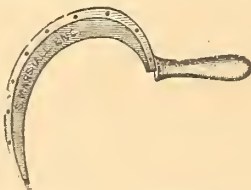


SCYTHES

English, 32-inch, rivet back	.....	\$3.00
English, 34-inch, rivet back	.....	3.10
English, 36-inch, rivet back	.....	3.25
American, Little Giant, 32-inch	.....	1.75
American, Little Giant, 34-inch	.....	1.75
American, Little Giant, 36-inch	.....	1.75
Bush, Little Giant	.....	1.85
Snathes for Scythes	.....	1.65

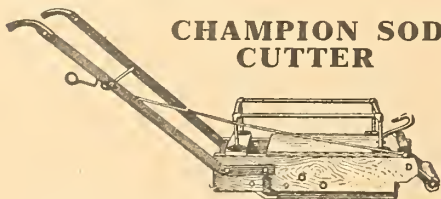
SHARPENING STONES

	Each	Doz.
Waterloo (Talacre style)	.....\$0.25	\$2.75
Darby Creek	......25	2.75
Carborundum	......30	3.25



SICKLES OR GRASS HOOKS

	Each	Doz.
English Rivet Back, No. 2	.....\$1.00	\$11.00
English Rivet Back, No. 3	.....1.10	12.00
English Solid Back, No. 2	......85	9.50
Little Giant, American	......60	6.75



CHAMPION SOD CUTTER

The best and most satisfactory machine on the market. Sod cutters are now used extensively where any great amount of cutting is to be done; work can be accomplished better with this machine; you can cut as much in one hour as two men all day. Price, \$45.00.

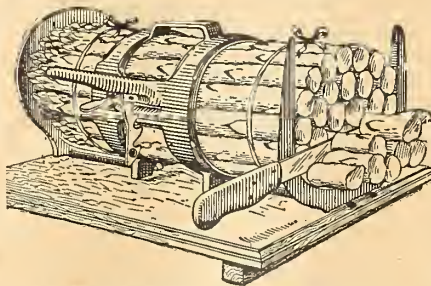
Extra Knives for Sod Cutters.\$8.50

SOD PERFORATOR

A convenient implement for use in loosening soil in places where sod is worn out preparatory to sowing grass seed. Price, \$4.50.

SOD TAMPERS

When laying sod it is necessary to properly firm it down, so that it will take new root quickly. It is also convenient for firming the soil or lawn on places where a roller cannot be used; made of iron with wood handle; 12 inches square; weight, 26 lbs. Price, \$3.00.



ASPARAGUS BUNCHER

Even where one has a limited amount of asparagus to market it pays to use a buncher. It is quickly tied and looks uniform. Buncher, with Knife Guard, \$3.25.

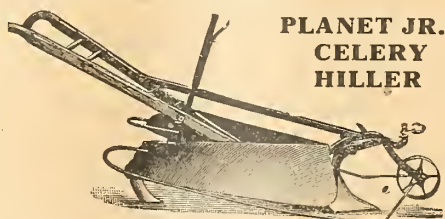


ASPARAGUS KNIVES

Fig. 110, No. 1 (top illus.)	.....	\$0.50
Fig. 110, No. 3 (center illus.)	.....	.50
Fig. 110, No. 3L (lower illus.)	.....	.50

ASPARAGUS TAPE

In fast colors, green and red, glazed finish. 1000-yard spools, \$4.25 per spool. Price on page 32 incorrect.



**PLANET JR.,
CELERY
HILLER**

Double, for hilling one side of 2 rows. Price, double style, \$27.00.

CELERY PAPER

In 500 square foot rolls. Price upon application.

CELERY TAPE

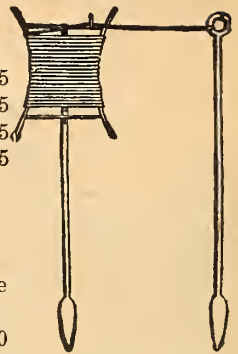
Fast red; in spools of 1,000 yards, \$4.25. Price on page 40 incorrect.



Ball Celery Bleacher

GARDEN REELS

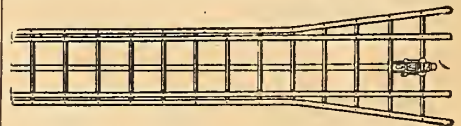
Small, Single	...\$1.25
Medium, Single	1.75
Large, Single	2.75
Large, Double	3.25



GARDEN LINE

Best quality white cotton braided. 100 ft. hanks...\$1.10

Single Garden Reel
Plow Line Cotton, 45-foot hanks...\$0.65



EXTENSION LADDERS

These are made in the best manner possible; are complete, being equipped with the necessary rope and pulleys. The ladders we supply are straight, without the curve in the standards, as the illustration shows.

16 ft.	32 ft.	65c. foot
18 ft.	34 ft.	
20 ft.	36 ft.	
22 ft.	60c. foot	75c. foot
24 ft.	38 ft.	
26 ft.	40 ft.	
28 ft.	42 ft.	75c. foot
30 ft.	44 ft.	

SINGLE PLANK LADDERS

Made of good, hard wood, free from faulty knots with perfect rounds.

10 ft.	16 ft.	45c. foot
12 ft.	18 ft.	55c. foot
14 ft.	20 ft.	
	22 ft.	

STEP LADDERS

Gem, 4 ft. to 10 ft., 55c. per foot.

BALL CELERY BLEACHER

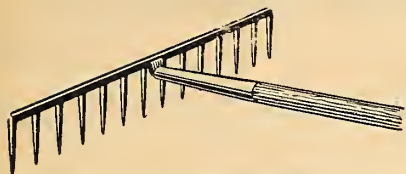
A practical device for bleaching celery early; made of stiff, heavy paper; celery will bleach in 10 days without soil being drawn to the plant.

No. Inches	P.P.Wt.	per 100	50	100	1000
1 6 x12	8 lbs.	\$1.65	\$3.00	\$25.50	
2 6 1/2 x13	10 lbs.	2.00	3.60	32.00	
3 7 x14	14 lbs.	2.25	3.85	33.50	

Not less than 50 bleachers of a size sold.

CELERY HANDLERS

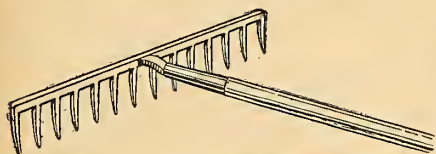
Brass, each	.....\$3.50
Tin, each	.....1.65



STEEL GARDEN RAKES

Made of best cast steel, with long teeth for penetrating the ground.

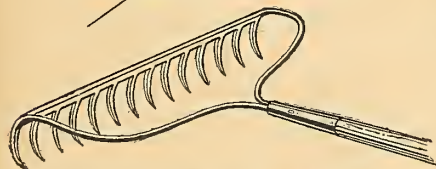
No.	No.
6—6 tooth..\$0.70	12—12 tooth..\$0.85
8—8 “ .. .75	14—14 “ .. .90
10—10 “ .. .80	16—16 “ .. .95
No. 18—18 tooth, \$1.00.	



STEEL GRAVEL RAKES

These rakes are used for road-making and for paths. Having very short teeth they do not gather up stones or gravel.

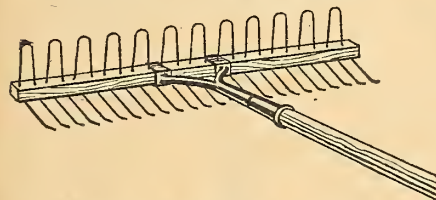
G12—12 tooth.\$0.90	G16—16 tooth.\$1.10
G14—14 “ ..1.00	G18—18 “ ..1.20
No. G20—20 tooth, \$1.30.	



STEEL BOW RAKES

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

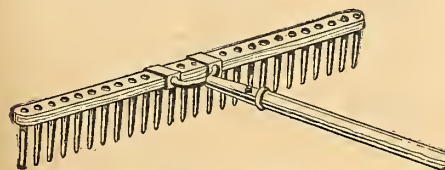
B12—12 tooth.\$0.95	B14—14 tooth.\$1.00
No. B16—16 tooth, \$1.05.	



WIRE LAWN OR GRASS RAKES

Made of heavy tinned steel wire. Excellent for lawn or walk work. Rake is reversible.

124R—24 tooth.65c.	36LR—36 tooth\$1.10
No. 342—42 tooth, \$1.25.	



OLE OLSEN LAWN RAKE

Made of best hard wood; well braced; teeth set close together.

26 tooth, hickory wood. Price, \$1.10.

JAPANESE BROOM RAKE

Made of split bamboo; cleans the lawn or grass plot as completely as though swept with a broom. Price, 85c.

AUTOMATIC LAWN RAKE

Self cleaning.

26 tooth, wood.\$1.10	38 tooth, wood.\$1.50
24 tooth, galvanized, 90c.	

WOODEN RAKES

Ames, 37X, 24 tooth, steel bows; for lawns.....	\$1.15
Ames, 14 tooth, wood bow; for hay.....	1.00
Twenty-tooth, lawn; wire braced....	.65

MARKING RAKE

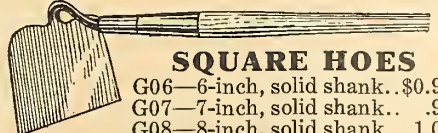
These are for marking out garden rows; adjustable brass teeth which are set for any width row desired up to 4½ feet. Price, \$6.00. (Extra teeth, 60c. each.)



HALF MOON HOES

Best steel solid sockets, which will not pull out.

HM3—3-inch..\$0.85	HM6—6-inch..\$0.95
HM4—4 “ .. .90	HM7—7 “ .. .95
HM5—5 “ .. .90	HM8—8 “ ..1.00



SQUARE HOES

G06—6-inch, solid shank..\$0.90
G07—7-inch, solid shank.. .95
G08—8-inch, solid shank..1.00

No. 10—10-inch for celery.....1.50

WARREN HOES (Heart Shaped)

W7—7-inch.....	\$1.00
W7½—7½-inch.....	1.10

BABY WARREN (Weeder Style)

ONION HOES (2 Prong)

Each, 55c



SHOVELS

We handle only the very best makes of steel shovels. Every one guaranteed.

Short Handle		Each
Ames, round point.....		\$2.00
Ames, square point.....		2.00
Maynard, round point.....		2.50
Maynard, square point.....		2.50
Red Edge, round point.....		2.25
Red Edge, square point.....		2.00
Portage City, round point.....		1.25
Portage City, square point.....		1.25
Long Handle		Each
Ames, round point.....		\$2.00
Maynard, round point.....		2.50
Maynard, square point.....		2.50
Red Edge, round point.....		2.25
Portage City, round point.....		1.25
Portage City, square point.....		1.25



Michell's Special Spade

STEEL SPADES

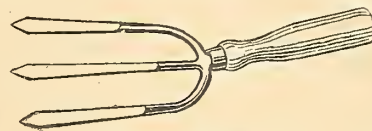
Ames, short handle.....	\$2.00
Maynard, short handle.....	2.50
Michell's Special, short handle.....	1.25
Red Edge, short handle.....	2.25
Nursery (Ames), short handle.....	3.25
Portage City, short handle.....	1.25
Boys'.....	1.30



SPADING FORKS

Strapped shanks; short or D-wood handle. Made of best quality steel.

No. O 4 H W. Men's 4-tine.....	\$1.75
No. O 5 H W 5. Men's 5-tine.....	2.00
No. B 4 D. Boys' or Ladies' 4-tine...	.90
No. E D 4. English, 4-tine.....	2.00



WEEDERS

Eureka Weeding Fork (see cut above), 45c. each; doz., \$5.00.

Eureka Weeder, 45c. each; doz., \$5.00.

Magic Weeder, small, No. A, 20c. each; per doz., \$2.00; No. B, medium, 30c. each; doz., \$3.00; No. H, large, \$1.10 each.

Makefield Weeder, 40c. each.

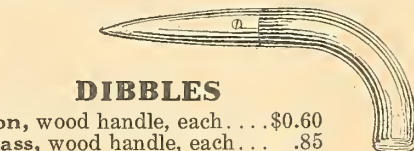
Excelsior Weeders, 10c. each; doz., \$1.10.

Excelsior Weeding Forks, 10c. each; doz., \$1.10.

No. 1. 3W Steel Weeder, 45c.



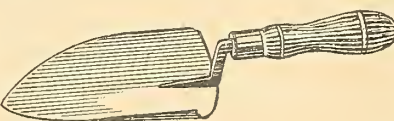
Hazeltine Weeder, 45c. each; doz., \$5.00.



DIBBLES

Iron, wood handle, each...\$0.60

Brass, wood handle, each... .85



JOHNSON TROWEL No. 211

These are made of one-piece steel blade and shank; equal to the imported trowels.

5-inch.....	\$0.70
6-inch.....	\$0.75
7-inch.....	\$0.80

No. D. S. T. STEEL SHANK TROWEL

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 75c. each; doz., \$7.50.

CLEVES ANGLE TROWEL

For getting dandelion, plantain and other weeds out of the lawn, etc.

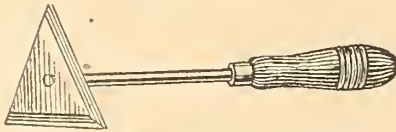
5-in...\$0.20	6-in...\$0.25	7-in...\$0.30
---------------	---------------	---------------

MISCELLANEOUS TROWELS

No. 213—5-in. Thin Steel. Each, 18c; \$1.75 per doz.

No. 213—6-in. Thin Steel. Each, 20c; \$2.00 per doz.

Neverbreak—6-in. Heavy Steel. Each, 20c; \$2.00 per doz.; per gross, \$18.00.



TREE SCRAPER

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. Price, 55c.



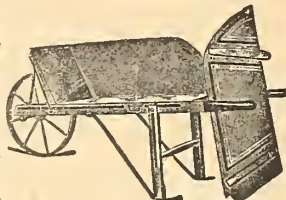
MEHLER HANDY GARDENER

An entirely distinct tool. Avoids bending the back. Works closer to the plant than any other device. No hoe is needed where this is used. Just the thing for working among flowers and vegetable plants. \$1.35 each. Not mailable.

WHEELBARROWS

Michell's Special Greenhouse

This is a very narrow barrow, designed for use in aisles of a greenhouse. Box measures inside 14 ins. in front, 17 ins. in back, and 12 inches deep. Handles, 4 feet, 8 inches long. Spread of handles at hand hold 20 inches, which is extreme width of barrow. Furnished in 18-inch diameter wheel. Nicely painted and striped. Price, each \$11.00.



Special Greenhouse Barrow

OTHER WHEELBARROWS

	Tire	Lgth.	Depth	Width	
No.	in.	in.	in.	in.	Price
Ataboy					
Steel Tray	1½	26	8½	22	\$6.50
Michell's					
Special...	1½	26½	11	21	9.00
Eastern...3	1½	28	11	22	7.00
Eastern...4	3	26¼	11½	27	8.00
Eastern...5	3	28¾	11¾	27	8.75
Boys'...2	2	21¾	9¼	20	6.50
Canal—Side dump (bolted)					5.00

SOD CRUSHER AND SOIL PULVERIZER

(See illustration, opposite column)

The machines are equipped with a hopper and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding necessity to sift.

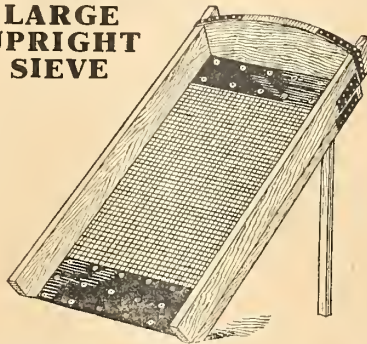
No. 1.....	\$21.00
No. 2.....	31.50
No. 3.....	42.00

SIEVES (Any size mesh)

Made extra well, of galvanized wire and hardwood. Round shape.

20-inch Foundry (extra heavy).....	\$1.40
20-inch Regular wire.....	1.35
18-inch Regular wire.....	1.15

LARGE UPRIGHT SIEVE

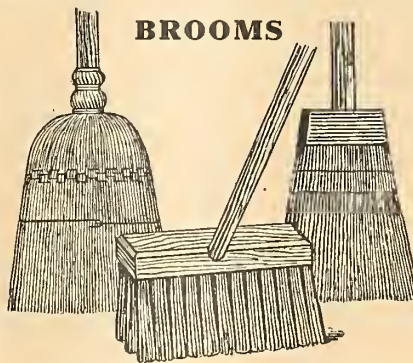


For soil, gravel, sand, etc. Made in any size mesh, of extra heavy grade foundry wire. \$12.00 each.

MOLE TRAPS

	Each
Olmsted.....	\$1.60
Reddick.....	1.00

BROOMS



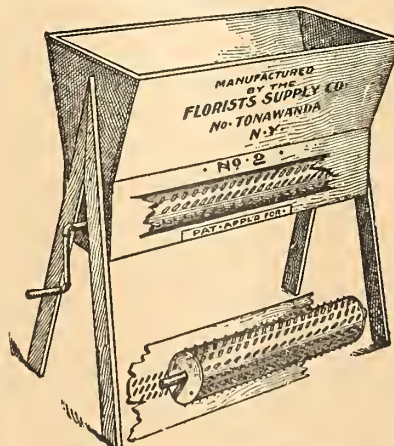
Plain Corn Rattan Push Jap. Fibre

	Each
No. 230. Japanese Fibre.....	\$0.85
No. 8. Corn and Rattan mixed....	1.10
Golf Greens (Birch).....	.25
No. 7. Plain corn, extra quality....	1.00

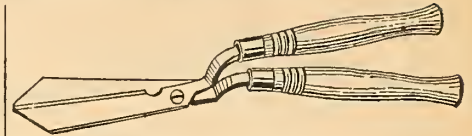
ROAD BRUSHES

(With Handles)

No. 271. Rattan Push, 14-in.....	\$1.10
No. 0286. Bass or Cocoa Push, 14 in.	1.15



Sod Crusher and Soil Pulverizer



HEDGE SHEARS

No.	American	English
101 A 8-inch.....	\$2.00	\$3.25
101 " 9 ".....	2.20	3.50
101 " 10 ".....	2.70	4.00
101 " 12 ".....	3.50	4.50

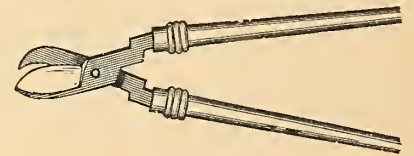
Lock Bolts, Nuts and Washers for hedge shears, 25c. each.

Neverslip Hedge Shears

8-inch.....	\$2.25	10-inch.....	\$2.75
9-inch.....	2.50	12-inch.....	3.25

Yeakle Hedge Shear

Will not push the hedges forward but will hold it and cut it at once. Price \$6.50.

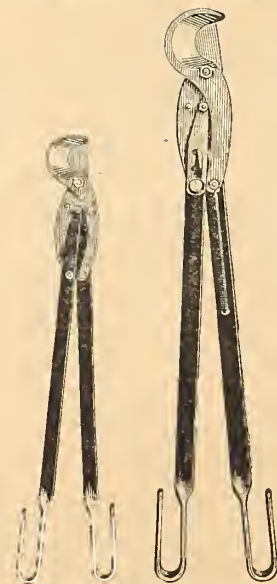


English Lopping Shear

LOPPING SHEARS

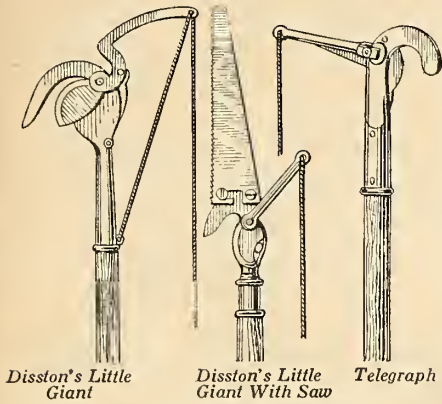
No.	English	Each
109	Disston Lopping. 27½-inch handles.....	\$6.00
1	Disston Vine Lopping. 27½-inch handles.....	2.50
2	Disston Bull Dog Lopping. 27½-inch handles.....	2.25
3	Disston Utility Lopping. 9 inch handles.....	1.75

McKENNEY TREE PRUNER AND LOPPING SHEAR



McKenney Pruner

Designed and built to meet the requirements of the professional fruit growers of America. The makers claim for the "McKenney" Pruner, the easiest cutting pruner in the world. One that does not injure the bark in any way, as both blades have cutting edges; the only pruner that will cut seasoned limbs 1½ in. in diameter; the lightest pruners on the market. "McKenney" Pruners are made of steel throughout; nothing about them to break. The blades are drop forged from the bar steel and therefore are as strong as they can possibly be made. The handles are of steel; the hand-grip is designed so that the pruner may be carried on the belt. Price, No. 1—cuts to 1 in. diameter, \$4.00; No. 2 cuts to 1½ in. diameter, \$6.00.



Disston's Little Giant Disston's Little Giant With Saw Telegraph

TREE PRUNERS

Disston's Little Giant Pruner.....\$2.00
Parcel Post Weight, 3½ lbs.

Disston's Little Giant. With saw attachment..... 2.50

Parcel Post Weight, 4 lbs.

The above prices are for Pruner without rope or pole.

TELEGRAPH TREE PRUNER

Removable blade, which can be renewed when worn out for 30c. Price, plain, \$1.75.
Parcel Post Weight, 2 lbs.

WATERS TREE PRUNERS

With pole and removable cutting blade, complete.

4 feet.....	\$2.00
6 ".....	2.50
8 ".....	2.75
10 ".....	3.00
12 ".....	3.25
14 ".....	3.50

Extra Blades for Waters Pruners, 30c. each.

None of the above Tree Pruners except the Waters are equipped with poles or rope.

Poles for Tree Pruners.

12 feet long, 1¼ inches diameter....\$1.80
14 feet long, 1½ inches diameter.... 2.00



LEVIN PRUNER No. 23

The handle of these shears afford a great deal of leverage, which makes very easy cutting possible. Price, 90c. Weight, 2 lbs.

PRUNING GLOVES

No. 216 Horse Hide, with Gauntlets, lined.....\$1.75

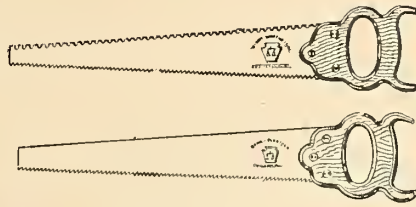
No. 66 Horse Hide, with Gauntlets, not lined..... 1.75

No. 62 Buckskin, with Gauntlets, not lined..... 2.50

PRUNING COMPOUND

Used for painting the wounds of trees after pruning.

1 quart.....\$0.75
1 gallon..... 2.25



DISSTON PRUNING SAWS

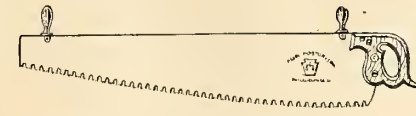
	P. P. Weight	
18-inch. Double edge...	2 lbs.	\$1.10
20 " Double edge...	2 lbs.	1.20
16 " Single edge...	2 lbs.	1.40
18 " Single edge...	2 lbs.	1.50
20 " Single edge...	2 lbs.	1.55
22 " Single edge...	2 lbs.	1.65



CARPENTER SAWS

When ordering state if rip or cross-cut.

Disston No. 8—26-inch blade.....\$3.00
Disston No. 8—28-inch blade..... 3.50



CROSS-CUT LOG SAWS

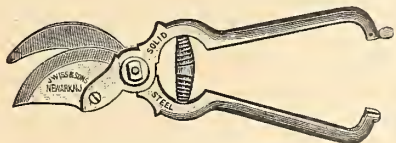
One Man, 3½-foot blade.....\$3.25
Two Man, 5-foot blade..... 5.25



Pexto Pruning Shear

PRUNING SHEARS

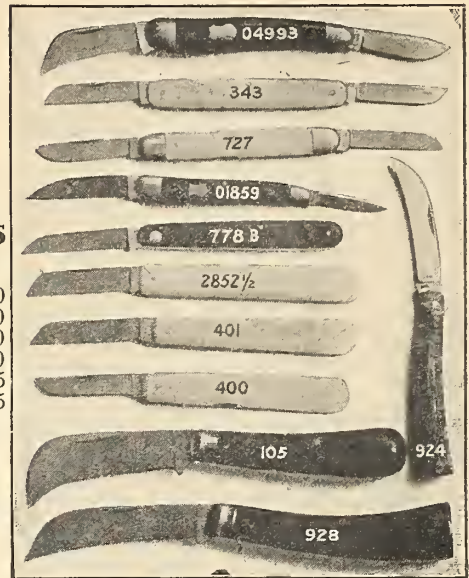
No.	P. P. Weight	Each
0 Pexto, 9 inches	2 lbs.....	\$0.55
50 Pexto, 8 inches	2 lbs.....	1.00
R50 Pexto, 9 inches	2 lbs.....	1.25
55 Pexto, 9 inches	2 lbs.....	1.50
65 Pexto, 9 inches	2 lbs.....	1.60
R70 Pexto, 9 inches	2 lbs.....	1.75
R95 Pexto, 10 inches	2 lbs.....	4.00
R165 Pexto, 9 inches	2 lbs.....	2.00



Wiss Pruning Shear

	P. P. Weight	Each
109 Wiss, 8 inches,	2 lbs....	\$3.50
110 Perfection, 8 inches,	1½ lbs...	2.75
999 Michell's,	1 lb.....	2.75
23 Henckel, 4½ inches,	1 lb.....	1.50
23 Henckel, 6½ inches,	1 lb.....	1.75
14 Nickleled, 6½ inches,	1½ lbs...	1.50
1586 French, 7½ inches,	1½ lbs...	3.00
1586 French, 8½ inches,	2 lbs....	3.00

Spiral Springs for any of the above Pruning Shears, 15c. each; per doz., \$1.50.
Parcel Post Weight, per doz., ½ lb.



HORTICULTURAL KNIVES

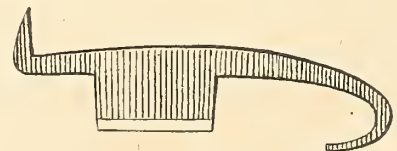
A good knife is an essential to every gardener and florist. Our stock consists of such styles that are practical and in demand. They are all of the best steel; every one is guaranteed to be perfect, and give good satisfaction.

	Each
924 English Pruner, 1 blade.....	\$2.25
928 English Pruner, 1 blade.....	2.50
04993 Budding and Pruning, 2 blades	1.50
2852½ Budding, 1 blade.....	1.10
778B. Budding, 1 blade.....	.75
303 2 Blade Saynor Pruning, stag handle.....	2.25
105 Pruner, 1 blade, steel band cocoa handle.....	1.10
727W. Budding, 2 blades.....	1.50
400 Saynor Budding, 1 blade....	3.50
401 Saynor Budding, 1 blade....	3.25
343 Saynor Budding, 2 blades...	3.50



GRAFTING WAX

¼-lb., 10c.; 20c. per ½ lb.; 1 lb., 35c.

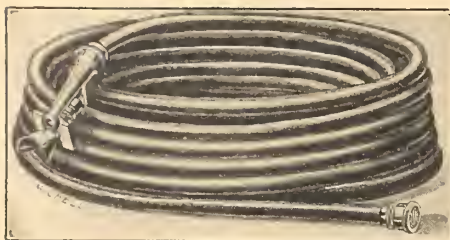


GRAFTING TOOL

Parcel Post Weight, 1 lb.

Made of best steel; for grafting trees, etc., each.....\$0.85

Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best quality.



RUBBER HOSE

Special attention is called to "Michell's Akron" Hose, a new brand, which, having been thoroughly tried out, has made good.

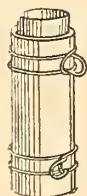
	Per Foot
*Michell's Special, $\frac{1}{2}$ in.	\$0.13
*Michell's Special, $\frac{3}{4}$ in. ....	.16
*Michell's Akron. Flexible, durable, uninkable, $\frac{3}{4}$ in. ....	.19
*Michell's Magic, $\frac{3}{4}$ in. ....	.20
*Electric, $\frac{3}{4}$ in. ....	.20
*Electric, $\frac{1}{2}$ in. ....	.18
*Whip-Cord, $\frac{3}{4}$ in. ....	.16
Spray Pump Hose, $\frac{3}{8}$ in.	13 $\frac{1}{2}$

P. S.—Brands marked * come in reels of 500 feet and sections in any length to that number of feet may be had.

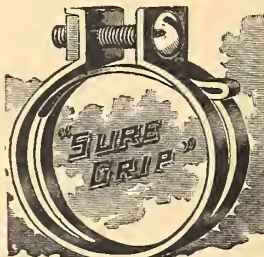
25- and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 25c. per pair for couplings attached.

Hose Washers (Rubber).

	Doz.	$\frac{1}{4}$ lb.	Lb.
$\frac{3}{4}$ inch	\$0.05	\$0.20	\$0.60
1 inch .....	.05	.25	.65



Caldwell Band
as applied
to hose



HOSE BANDS

For fastening couplings and menders.

CALDWELL'S

No.	Doz.	Gross
8—For 4-ply hose	\$0.35	\$3.00
6—For 3-ply hose .....	.35	3.00
P. P. Weight, doz., $\frac{1}{4}$ lb.; 100, $2\frac{1}{4}$ lbs.		
Pliers for above, No. 2, 40c. per pair.		

SURE GRIP

Can be furnished in $\frac{1}{2}$ inch, $\frac{5}{8}$ inch and $\frac{3}{4}$ inch, either size, 5c. each; doz., 50c.; \$3.50 per 100.

Parcel Post Weight per doz., 1 lb.



HOSE COUPLINGS



HOSE MENDERS.

ACME HOSE COUPLINGS

No. 3 part, for attaching to spigot, 25c. each; per doz., \$2.75.

Parcel Post Weight, per doz., 3 lbs.

No. 4 part, for attaching to hose, 45c. each; doz., \$4.75. Wt., per doz., 3 lbs.

Couplings complete, consisting of one No. 3 and one No. 4 part, 70c. each; per doz., \$7.50. Wt., per doz., 6 lbs.

BRASS HOSE COUPLINGS

	P. P. Wt.	Pair	Doz.
$\frac{1}{2}$ inch	3 $\frac{1}{4}$ lbs.	\$0.20	\$2.00
$\frac{3}{4}$ inch	4 lbs.	.20	2.00

PERFECT HOSE COUPLINGS

Equipped with a clamp on the male and female part for securing to the hose; no band required; for $\frac{1}{2}$ and $\frac{3}{4}$ -inch hose; mention which is wanted when ordering. 40c. per pair; doz. pairs, \$4.50

SNAP HOSE COUPLINGS

Snap Couplings. 32c. per pair; doz. pairs, \$3.50. (Washers, 18c. per doz.)

Parcel Post Weight, per doz., $2\frac{1}{2}$ lbs.

SNAP COUPLING PARTS

No. 2.—Male, 12c. each; per doz., \$1.25.

Parcel Post Weight, per doz., $1\frac{1}{4}$ lbs.

No. 1.—Female, 20c. each; per doz., \$2.25.

Parcel Post Weight, per doz., $1\frac{1}{4}$ lbs.

Washers for Snap coupling parts, 18c. per doz.; per 100, \$1.25.

HOSE MENDERS

	Each	Doz.	100
Cooper's, $\frac{3}{4}$ in.	\$0.10	\$1.00	\$6.50
Cooper's, $\frac{5}{8}$ in. ....	.10	1.00	6.50
Cooper's, $\frac{1}{2}$ in. ....	.10	1.00	6.50
Iron, $\frac{3}{4}$ in. ....	.08	.85	6.50

PERFECT HOSE MENDERS

For $\frac{1}{2}$ - and $\frac{3}{4}$ -inch hose, 12c. each; doz., \$1.25; \$9.00 per 100.

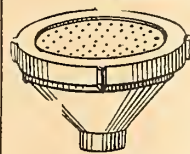
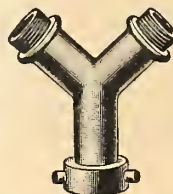
Parcel Post Weight, per doz., $1\frac{3}{4}$ lbs.

SIAMESE HOSE CONNECTION

This permits one lead of hose to be diverted in two directions. Additional two-way connections can be used according to the water pressure.

Price, 65c. each.

Parcel Post Weight, 1 lb.



BINKS NOZZLE

Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. \$2.75 each.

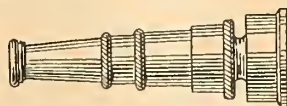
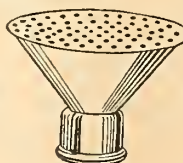
Parcel Post Weight, $1\frac{1}{4}$ lbs.

BOSTON SPRAY NOZZLE

(For $\frac{3}{4}$ -inch Hose)

P.P.Wt. Price

Light Copper .. $\frac{1}{2}$ lb.	\$1.00
Heavy Brass ... 1 lb.	1.10



PERFECTION HOSE NOZZLE

$\frac{3}{4}$ -inch hose. Regulated to give three different streams. Price, 65c.

Parcel Post Weight, $\frac{1}{2}$ lb.

ALLENS HOSE NOZZLE

Similar to the Perfection Nozzle.

Parcel Post Weight, $\frac{1}{2}$ lb. Price, 60c.

RAINBOW HOSE NOZZLE

Makes a full stream or fine spray, which can be changed by a slight pressure of the thumb; positive shut off; no leaks; nothing to wear out. Price, 90c.

CHAMPION (Brass) NOZZLE

A dandy nozzle for greenhouse use; makes a spray or a solid stream easily adjusted. 60c. each. P. P. Wt. $\frac{1}{2}$ lb.

ROSE NOZZLE

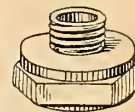
Useful for watering lawn and garden.

Parcel Post Weight, $\frac{1}{2}$ lb. Price, 30c.

HOSE REDUCERS

Reduces 1-inch pipe to fit regular $\frac{3}{4}$ -inch hose. All brass. Each

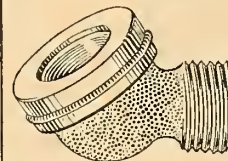
Parcel Post Weight, $1\frac{1}{2}$ lbs.



HYDRANT ATTACHMENT

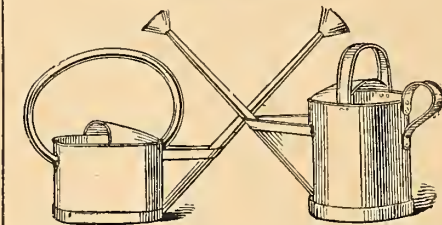
Used for attaching hose to smooth faucets.

No. 2. For small spigot, each . \$0.55



No. 3. For large spigot, each

Parcel Post Weight, $\frac{1}{2}$ lb.



WATER CANS (Wotherspoon's)

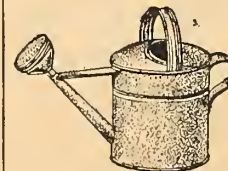
Extra Heavy—With Long Spout—Will Last for Years

Each Wotherspoon can comes equipped with 2 roses, one coarse and one fine.

	Round	Oval
4 quart	\$3.15	.....
6 "	3.25	\$4.05
8 "	3.75	4.30
10 "	4.00	4.60
12 "	4.40	5.15
16 "	4.90	5.75
4-qt. Fern or Low Watering Can ...	2.60	
Extra Roses for Wotherspoon Watering Cans, either coarse or fine, 40c. each.		

IRON CLAD WATER CANS

Made of light galvanized iron.



4-quart.	\$0.90
6 "	1.00
8 "	1.15
10 "	1.35
12 "	1.45
16 "	1.80

RUBBER APRONS

For watering, etc., made of extra heavy material; brass eyelets, \$2.00 each.

Aberdeen, Miss.

Your Hose stands greenhouse wear better than any we have used.

A. Y. Co.

HOT BED SASH

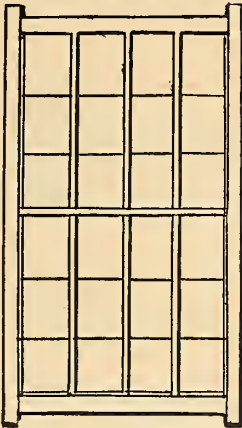
Philadelphia Style. Made of best quality cy-press. Size, 3 feet 1½ inches wide, 6 feet long, 1¾ inches thick. Plain not glazed or painted. Each, \$3.75.

Glazed including painting and puttying. Each, \$9.50.

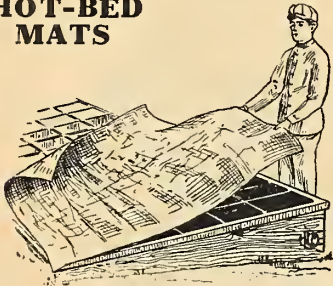
Sunlight Style. Plain, unglazed. Ea., \$5.00. Glazed and painted. Each, \$11.50.

Packing Charges on all Glazed Sash, 50c. per sash additional.

All glazed sash are shipped at purchasers' risk, although we pack very carefully to insure safe arrival.



HOT-BED MATS



The "Burlap Style" are the best mats that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

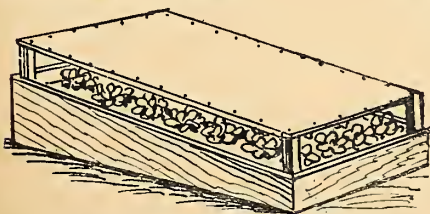
Burlap, Non Waterproof. 76x76 inches, covering two regular size sash. \$3.00 each; doz., \$33.00.

Burlap, Non-Waterproof. 40x76 inches, for one sash. \$2.00 each; doz., \$22.00.

Burlap one side, Waterproof Drill one side. 40x76 inches. \$2.50 each; doz., \$27.50.

Burlap one side, Waterproof Drill one side. 76x76 inches. \$3.75 each; doz., \$42.00.

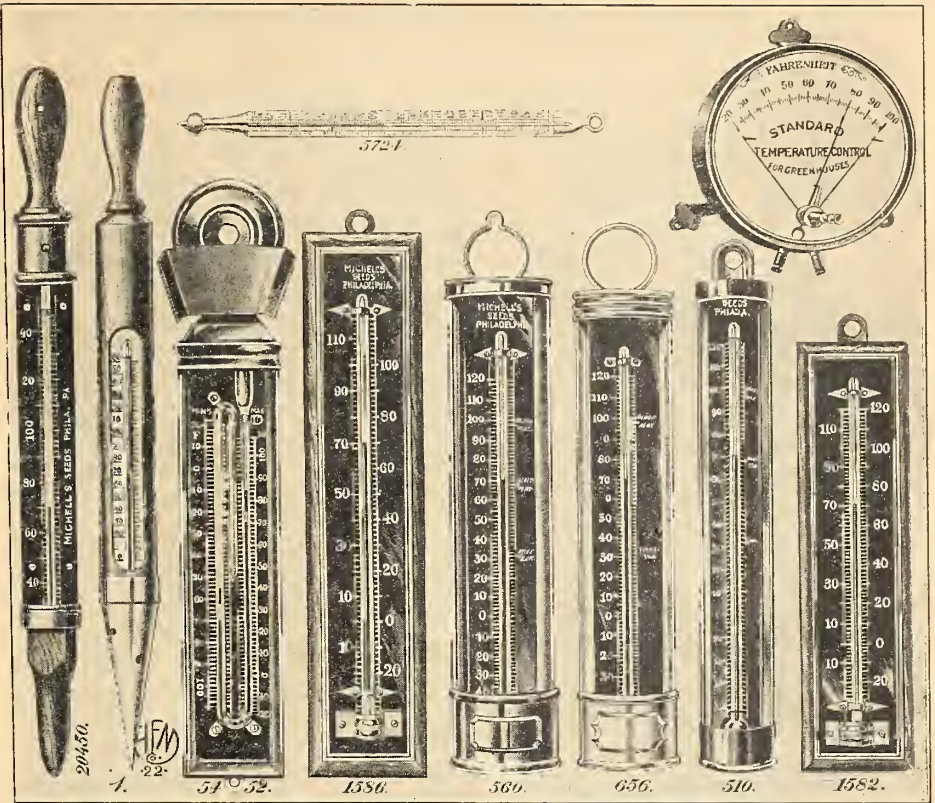
Straw Mats. 3x6 feet. Each \$1.75
Straw Mats. 6x6 feet. Each 3.25



SHADING OR PROTECTING CLOTH

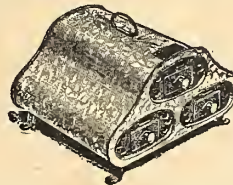
Admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation. Made of brown cloth.

	Yds. per Piece	Price Per yd.	Price Per pc.
Light.....	60	\$0.13½	\$7.20
Medium.....	60	.20	10.20
Heavy.....	40	.25	9.60



WAGON AND AUTOMOBILE HEATERS

These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.



No. 2. Single drawer, 14-in. long..... \$3.25
7B. 20 in., single drawer, Brussels carpet..... 5.50
10. Three drawers. (See cut)..... 8.00
Coal for Wagon Heaters, \$1.10 per doz. bricks; per 100, \$7.75.

Tongs for Handling Hot Coal, 35c.

Please Note.—Wagon heaters burn prepared coal bricks only and no other kind of fuel.

IRON PLANT STANDS

Have a tilting device so that plant may be set at any angle if desired.

Enameled green.



Inch	Size of Plates	Price Each
12.....	5 x 7	\$1.25
18.....	5 x 7	1.35
24.....	8 x 10½	2.00
30.....	8 x 10½	2.10
36.....	8 x 10½	2.15
42.....	8 x 10½	2.25
48.....	8 x 12	2.50
60.....	8 x 12	2.70
72.....	8 x 12	2.85

EXTRA PLATES FOR STANDS

5 inch.....	\$0.40	10½ inch.....	\$0.80
7 inch.....	.50	12 inch.....	1.00
8 inch.....	.60		

THERMOMETERS

No. 5452—Maximum and Minimum. Registering the coldest and the warmest points during the previous night. 8-in. each, \$4.00.

Tested Grade. These are accurate and may be depended upon. Each Doz.

No. 556—8 in., Tin Case....	\$0.80	\$8.50
No. 560—10 in., Tin Case....	1.10	12.00
No. 506—8 in., Greenhouse....	.60	6.50
No. 510—10 in., Greenhouse....	.65	7.00
No. 652—8 in., Copper Case.	1.50	
No. 656—10 in., Copper Case.	1.85	
No. 1582—8 in., Wood Back..	1.00	
No. 1586—10 in., Wood Back.	1.25	

DAIRY THERMOMETER Each No. 5724—For use also in testing soil. \$0.45

HOTBED THERMOMETERS

No. 20450—Galvanized Point.....\$1.75
No. 1—Brass Point, wood case, paper scale, each..... 1.25

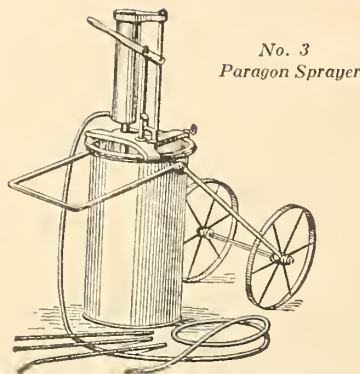
THERMOSTATS (See illustration)

No. 1—Thermostat. This will be found far more reliable than the old method of having a thermometer attached to an ordinary thermostat and bell. Furnished complete with the exception of wire, battery and bell. All brass. Price f. o. b. Philadelphia. Not water-proof style, G. H. 3, \$10.50; G. H. 4, water-proof style, \$16.50. Price f. o. b. factory, G. H. 3, \$10.00 each; G. H. 4, \$16.00 each.

RECORDING THERMOMETER

This type of thermometer which can be equipped with either a daily or weekly chart enables the grower to keep an accurate record of the temperature in his greenhouse during every hour of the day and night; the thermometer is equipped with a high grade clock and ink stylus which marks very accurately. It is an ideal installation; in ordering state if weekly or daily record chart is desired. Price, \$40.00, f. o. b. factory.

MICHELL'S SPRAYING APPARATUS



No. 3
Paragon Sprayer

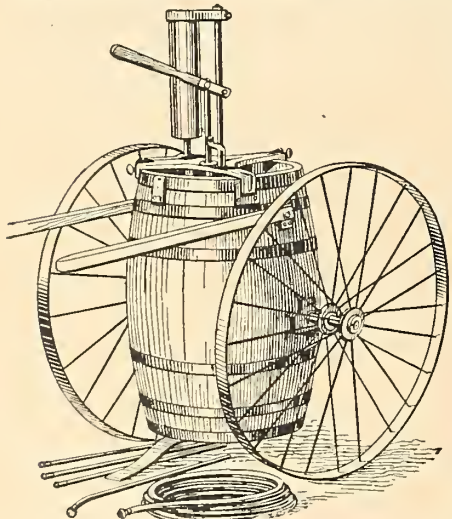
PARAGON SPRAYERS

Especially desirable for the reason that it is not necessary to strain the material. Excellent for applying whitewash or cold water paint.

No. 0.—Capacity 3 gallons, equipped with 4 ft. of hose, 1 3-ft. extension pipe and 2 spray nozzles, \$11.50.

No. 1.—With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$16.50; complete with truck, \$21.25.

No. 3.—Equipped with a 12-gal. tank mounted on a truck, three 2½ ft. extension pipes, 2 nozzles and 10 ft. of hose, \$24.00. Without truck, \$20.50. We can also supply this sprayer with single wheel at same price.



No. 4. Paragon Sprayer

No. 4.—Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles, \$38.00. Without truck, \$28.00.

No. 5.—Capacity of barrel 50 gallons, equipped with 25 ft. 6-ply hose, 1 10-ft. iron extension pipe, 1 3-way spray nozzle and 1 single spray nozzle, no truck, \$42.50.

Extra Washers for pump plungers for Paragon Sprayers, 25c. each.

Fittings for Paragon Sprayers

Fig.	Price
1. 2-way Spray.....	\$2.00
2. 1-way Spray.....	1.00
4. Extension Pipes, per ft.....	.15
6. Y Fitting.....	1.00
7. Hose Coupling.....	.50
9. Strainer.....	.75
12. Female Hose Coupling.....	.35
23. Stop-Cock.....	1.00
11. Mist Spray Nozzle with S. and B.....	.50
23. Brass Hose Bands.....	each .10

We can also supply other fittings for above Sprayers.



No. 1 MYSTO KNAPSACK SPRAYER

A new knapsack sprayer which works on the compressed air principle. Compact in construction and light in weight, so that it can be easily carried around. We will sell this sprayer under the condition that if it is not the best purchase in this line you may return it at our expense and your account will be credited in full after you have given it a thorough trial. Price, \$22.50.

AUTO SPRAY

This operates by compressed air; safe and efficient; liquid capacity, four gallons; pressure capacity, 40 lbs. No sprayer is sold under broader guarantee for efficiency and durability. They will successfully spray bushes, shrubbery and trees, the latter with the use of extension pipes. The brass tank sprayer is the best as corrosive solutions can be used in it without injuring the same. Auto-Sprayers are not mailable.

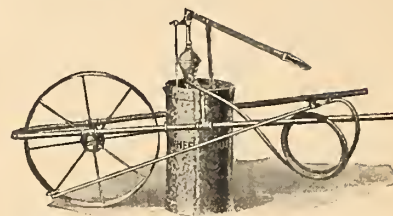
No. 1-B.—Brass; equipped with hose and Auto-Pop Attachment, \$8.55.

No. 1-D.—Galvanized Iron; equipped with hose and Auto-Pop \$5.85.

Auto-Pop Nozzle Attachment; controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, \$1.80 each. \$2.25 complete with hose. P. P. weight, 1 lb.

BOOKS ON SPRAYING

Spraying Crops (Weed).....	\$0.90
Spraying of Plants, The (Lode-man).....	1.00



DEMING WHEELBARROW SPRAYER

Extreme width 18 inches; narrow enough to go through the aisles of a greenhouse, 24 in. wheel with a 3 inch tread, making it easily handled over soft and rough ground. Pump has 1½ in. diam. cylinder, with adjustable stroke. Equipped with 12-gal. galvanized tank, 10 ft. hose, 4 ft. extension pole, nozzle and shut off valve. Price, \$26.00.



Gould's Pomona Spray Pump

GOULD SPRAY PUMPS

This make of spray pump has been favorably regarded among gardeners, farmers and fruit growers for years. The variety is great enough to fill every special and everyday need.

Pomona. No. 1100. Plain barrel pump. Price, \$19.80.

Pomona. No. 1100. Outfit C, with agitator, 15 ft. ½-in. special spray hose and 1 Mistry Jr. Nozzle. Price \$25.45.

Pomona. No. 1100. Outfit D, with agitator and 2 15-ft. leads of special ½-in. spray hose and 2 Mistry Jr. Nozzles. Price, \$31.05.

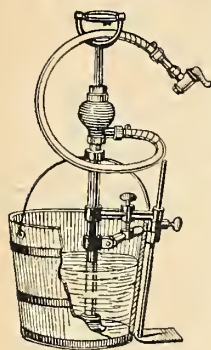
Gould's Fruitall. Fig. 1188. Plain barrel pump, \$10.80.

Gould's Fruitall. Fig. 1188 (Outfit C), with agitator and 1 15-ft. lead of ½-in. special spray hose and 1 Mistry Jr. Nozzle. Price, \$16.45.

Gould's Fruitall. Fig. 1188 (Outfit D), with agitator and 2 15-ft. leads of ½-in. special spray hose and 2 Mistry Jr. Nozzles. Price, \$22.05.

A complete line of Insect Destroyers will be found on pages 94 and 95.

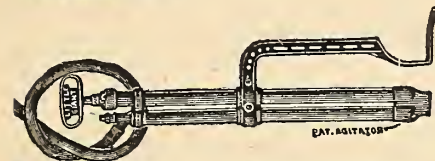
BUCKET SPRAY PUMPS



These are made entirely of brass except the foot rest, bucket fastener and hand grip. The prices below do not include nozzle and $3\frac{1}{2}$ feet of $\frac{3}{8}$ -in. hose.

No. 256. **Success** (without bucket fastener), \$7.25.

No. 689. **Perfect Success** (with bucket fastener), \$7.50.



MYERS BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer.

Price, \$5.00, including hose and nozzle.



HAND SPRAYERS

Automatic (Compressed Air). See cut. Very easily operated.

Tin, each, \$0.90 | Brass, each, \$1.80

Cyclone Sprayer. Similar to the above but with no automatic air reservoir.

No. 112, tin, each, 45c.; No. 114, brass, each, 90c.

Robertson's Sprayer. Galvanized tank; furnishes a continuous spray, with an adjustable nozzle, for spraying underneath foliage. Price, \$1.50 each.

JIM DANDY HAND SPRAYER

Adapted for spraying vegetables and flowers, small fruits, etc.: also valuable for spraying disinfectants in buildings. Heavy seamless brass pump, brass nozzle, non-cloggable; throws long distance fine mist or coarse spray. Price, \$3.25.



HEAVY BRASS SYRINGES

Parcel Post

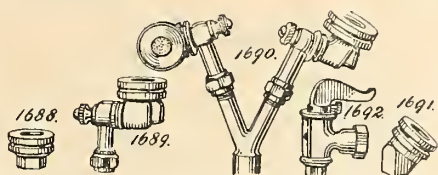
No.	Diam.	Length	Wt.	Price
99.	1½ in.	18 in. 1 spray.	1¾ lbs.	\$4.25
101.	1¼ in.	14 in. 2 sprays.	2 lbs.	4.50
101A.	1½ in.	16 in. 2 sprays.	2¼ lbs.	4.75
110.	1¾ in.	20 in. 2 sprays.	4½ lbs.	10.25
120.	1¾ in.	20 in. Adjustable	5 lbs.	12.00



EXTENSION PIPES, ETC.

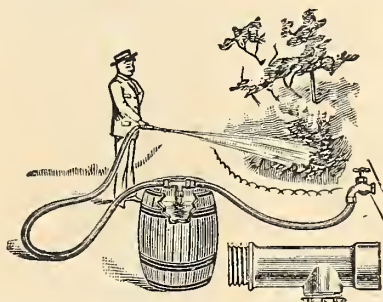
For reaching into trees ($\frac{3}{8}$ -in. threads).

	Each
Bamboo, aluminum tube, 10 feet	\$4.00
Galv. Iron, 2 ft., for Auto Sprays	.45
Brass, 2 ft., for Auto Sprays	.55
Pet Cock, for extension pipes	1.10
Paragon Extension, 2½ feet	.45



SPRAY NOZZLES ($\frac{3}{8}$ -in. Thread)

Each
Mistry, Jr., Fig. 1688, Straight style. \$0.80
" Jr., Fig. 1691, Elbow style. .80
" Fig. 1689, Single nozzle, adjustable angle. 1.50
" Fig. 1690, Double nozzle, adjustable angle. 3.05
Fig. 1692, Bordeaux. 1.10
If nozzles are wanted for $\frac{3}{4}$ -in. hose connections, add 60c. to above prices for Fig. 966 combination.



LIQUID MANURE DISTRIBUTOR

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it.

Price, \$2.50 each. (P. P. Wt., 2 lbs.)

THE KIRKE SYSTEM

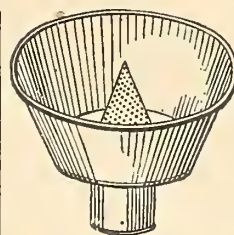
Of Applying Insecticides, Fungicides, Fertilizers and Salt to Plants



Showing how the Kirke Fertilizer and Insecticide Cartridge Holder is attached to Spigot.

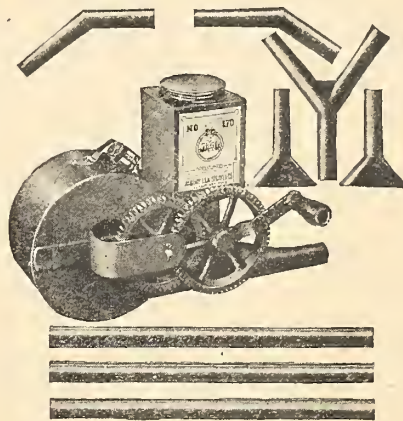
Nickel-plated Cartridge Holder ready to attach to any $\frac{3}{4}$ -inch hose, \$3.00.

	Each	Doz.
Fertilizer Cartridges	\$0.20	\$2.00
Arsenate of Lead Cartridges	.50	5.75
Bordeaux Mixture Cartridges	.35	3.75
Tobacco Cartridges. For greenhouse use	.35	3.75
Salt Cartridges. For spraying carnations, etc., for red spider, etc.	.15	1.25
Angle Worm Cartridges	.75	8.50



COPPER STRAINER

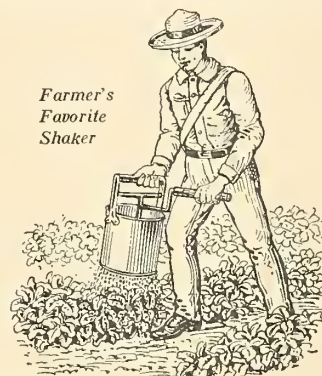
For straining whitewash, spraying material, etc., \$1.25 each. Parcel Post weight, 1 lb.



UTILITY DUSTER

Used for the application, in dry form, of Arsenate of Lead, Paris Green, etc. Made of heavy tin, enameled red; iron and brass machined cut gears. Provided with tubes, connections and nozzles as illustrated; also an adjustable carrying strap. Price, \$12.00.

Farmer's Favorite Shaker

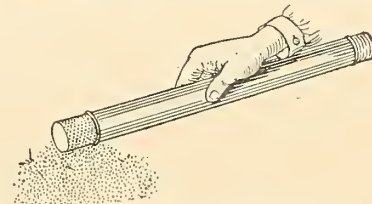


PARIS GREEN SHAKERS

For dusting vegetables, potatoes, etc.

B. D. Style. Made of tin, suitable for all powdered insecticides. (P. P. Wt., 3 lbs.) 65c. each.

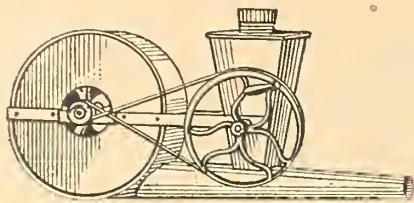
Farmer's Favorite. Large, double-action affair; \$3.50 each. P. P. Wt., 4 lbs.



DICKEY DUSTER

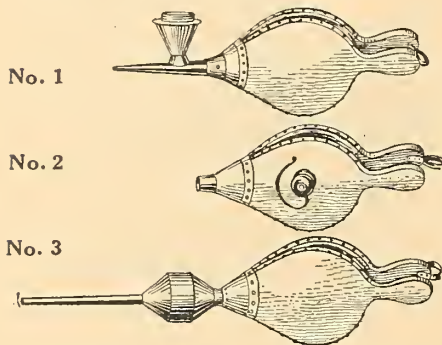
Excellent for distributing Bug Death, Slug Shot, etc. Price, 45c.; P. P. Weight, 1 lb.

MICHELL'S SUNDRIES FOR FLORISTS, ETC.



SULPHUR BLOWER

For distributing sulphur and insecticides of various kinds. Made of heavy metal; no wearout to them. Price, \$7.00.

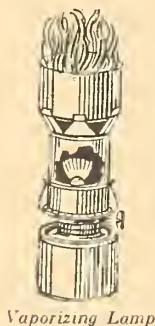


BELLOWS

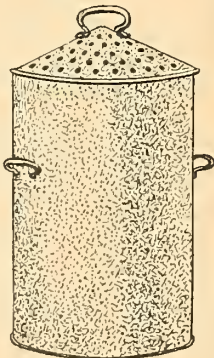
	P. P. Wt.	Each
No. 1. Small Single Cone...	2 lbs.	\$3.00
No. 2. Sulphur Bellows...	3 lbs.	3.75
No. 3. Large Double Cone...	5 lbs.	6.25
Large Single Cone...	3 lbs.	4.25

VAPORIZING LAMP

Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nikoteen and other preparations of this sort. 75c. each; doz., \$8.00.



Vaporizing Lamp



Perfection Fumigator

FUMIGATORS Perfection Make

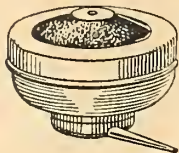
Fitted with a water tank to prevent burning out.

No.	Feet	Each
1 for house, 12 x 40		\$5.50
2 for house, 15 x 100		6.75
3 for house, 20 x 100		8.50
5 for house, 20 x 150		10.50

Eureka Make

No.	Feet	Each
1 for house, 10 x 40		\$3.00
2 for house, 15 x 50		3.25
3 for house, 15 x 100		4.75
4 for house, 20 x 100		6.75

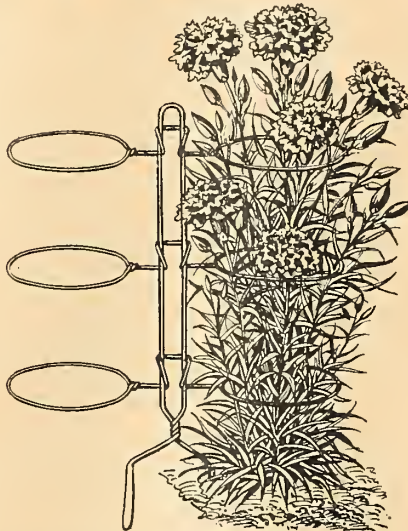
WHIRLWIND POWDER GUN



Very useful for distributing dry powder.

Price, 30c.

P. P. Weight, 8 ozs.

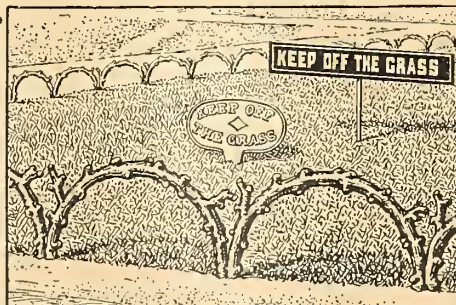


Richmond Support

CARNATION SUPPORTS

The Richmond shown here is one of the most popular on the market.

	Doz.	100	1000
Model, 2-ring.....	\$0.85	\$5.75	\$50.00
Model, 3-ring.....	1.00	6.25	57.50
Richmond, sing. ring	1.00	6.00	55.00
Richmond, dble. ring	1.10	6.25	57.50



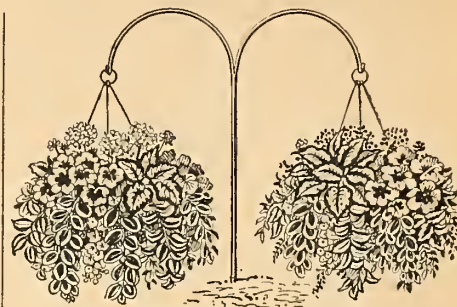
TREE LABELS, ETC.

Parcel Post Weight on Tree Labels, 1/2 lb. per 100.

	100	1000
Wood, Iron Wired. Plain.	\$0.20	\$1.55
Wood, Iron Wired. Painted.	.25	1.95
Wood, Copper Wired. Plain.	.25	1.95
Wood, Copper Wired. Painted.	.35	2.45
Copper Sheet, wired, 25c. doz.; 1.50		
Zinc Sheet, wired, 25c. doz.; 1.50		
Indelible Marking Pencils, each....	.15	

PAINTED POT LABELS

No. in pkg.	P.P.Wt.	100	1000
	per 100		
4 inch...1000...	1/2 lb.	\$0.20	\$1.55
4 1/2 " ...1000...	1/2 "	.25	1.85
5 " ...1000...	1/2 "	.30	2.05
6 " ...1000...	3/4 "	.35	2.50
8 " ...250...	2 "	.95	7.00
10 " ...250...	2 1/2 "	1.20	8.25
12 " ...100...	3 "	1.40	11.25
18 " for field use.....		5.50	50.00



BASKET HOOKS

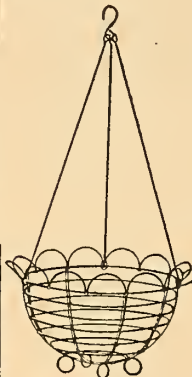
Thoroughly galvanized so they cannot rust
Single, 5/16-in. thick.....\$0.85
Double, 7/16-in. thick.....1.25
These cannot be mailed.

WIRE BASKETS

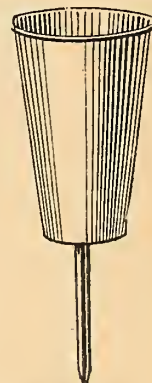
Complete with Hanger.

These are extra well made and will last many years; they will often suggest a sale, if filled, that is otherwise not made.

	Each	Doz.	100
8 inch.....	\$0.25	\$2.40	\$17.00
10 " .....	.35	3.50	25.00
12 " .....	.55	5.50	40.00
14 " .....	.65	6.75	50.00
16 " .....	.75	8.25	62.50



Wire Basket



Tin Enamelled Vase

VASES

For holding cut flowers on cemetery lots, etc.

IRON, PAINTED GREEN

No.	Wt.	Each	Doz.
3 Large.....	4 lb.	\$0.65	\$7.00
2 Medium.....	2 lb.	.55	6.00

IRON, GALVANIZED

No.	Wt.	Each	Doz.
6 Large.....	4 lb.	.75	9.60
5 Medium.....	2 lb.	.70	8.00

TIN, ENAMELED

Color, rich green; will not burst in cold weather.

No.	Wt.	Each	Doz.	Gross
2 Large.....	1/2 lb.	\$0.20	\$1.75	\$18.00

Our Garden Tool and Sundries Department we believe to be the most fully equipped of any seed store in the United States. Most every article of real merit for horticultural work will be found here, and of the best quality.



CUT FLOWER BOXES CORRUGATED PAPER (For shipping)

Used almost exclusively for carrying and shipping cut flowers; they are lighter than wooden ones.

	Each	Doz.	100
48 x 14 x 8 inch.....	\$0.55	\$6.00	\$38.50
42 x 14 x 8 ".....	.45	5.00	34.50
36 x 14 x 6 ".....	.40	4.00	28.50
30 x 12 x 6 ".....	.30	3.30	19.50
24 x 8 x 5 ".....	.25	2.25	16.50

Special sizes to order in lots of not less than 100 of a kind. Price on application.

If corrugated boxes are ordered shipped, a slight charge is made for packing.

BOXES FOR STORE USE

Mist green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish also in manila, mist tan and oxford gray can be supplied on short notice. Boxes shipped from stock are supplied not printed only—we can furnish boxes printed, shipment from factory in about two weeks. Printing is charged for at cost.

L.	W.	D.	Price, f. o. b. Phila.	Price, f. o. b. Factory
16 x 4 x 3 inch.....				\$2.97
*18 x 5 x 3 ".....			\$0.55	\$4.00
20 x 4 x 3 ".....				3.40
21 x 5 x 3 ".....				3.83
21 x 7 x 3 1/2 ".....				5.52
*24 x 5 x 3 1/2 ".....			.85	6.25
*24 x 8 x 4 ".....			1.10	8.00
24 x 8 x 5 ".....				7.65
28 x 8 x 4 ".....				7.65
*28 x 8 x 5 ".....			1.50	11.00
30 x 5 x 4 ".....				6.60
*30 x 10 x 6 ".....			1.90	14.70
*30 x 12 x 7 ".....			2.50	19.00
36 x 6 x 5 ".....				10.20
*36 x 8 x 5 ".....			1.90	14.00
36 x 10 x 6 ".....				15.30
42 x 8 x 5 ".....				15.30

Sizes marked * are carried in stock at Philadelphia, the other sizes are shipped from the factory in N. Y. State, in lots of not less than 50 of a size.

VIOLET AND CORSAGE BOXES

F. o. b. factory only.

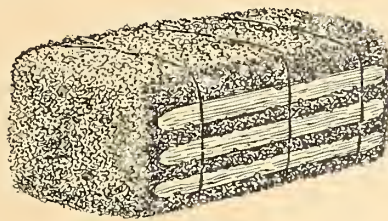
	Per 100
8 x 5 x 5 inch.....	\$3.82
9 x 6 x 5 ".....	4.25
12 x 6 x 5 ".....	5.10
12 x 10 x 6 ".....	7.14
15 x 6 x 5 ".....	6.16

SPECIAL NOTE.—There is no charge for printing boxes when the order amounts to 500 or more in one or assorted sizes; if less are ordered the charge for printing in one color, is \$1.75 for the lot.

DESIGN BOXES

Manila lined board in heavy weights.

	F. o. b. factory only.	Per 100
16 x 16 x 8 inch.....		\$11.10
18 x 18 x 8 ".....		13.09
20 x 20 x 9 ".....		17.26
24 x 24 x 8 ".....		19.55



MOSS

We make a specialty of long, clean, selected sphagnum moss; florists will find the quality we furnish to be much better than the average.

Sphagnum, Live or Green. Peck, 40c.; \$1.25 per bush.; per bbl., \$2.75.

Sphagnum, Dry. Barrel sacks, \$1.25.

Sphagnum, Dry. Large bales burlapped or wrapped, \$2.75; \$13.00 for 5 bales; 10 bales, \$25.00.

Green Lump. Peck, 40c.; \$1.25 per bushel; bbl. bag, \$2.25.

Green Sheet. 50c. per peck; bushel, \$1.50; \$2.75 per bbl. sack.

PAPER FOR WRAPPING BOXES AND FLOWERS

Manila. For wrapping. Lb. 1/2 Ream Ream \$0.14 \$2.00 \$3.50

Manila. Tissue..... .15 .75 1.35

Wax. White. Best quality, 24 x 36 inches... .30 1.50 2.75

Wax. Green. Best quality, 24 x 36 inches... .40 1.75 3.25

CREPE PAPER

Color, green. 45c per roll.

WIRED TOOTHPICKS

	Per 1,000	Per 10,000	Per 50,000
Regular Size.....	\$0.40	\$2.75	\$12.00

4 inch, dyed green, per box of 4,500, \$3.00; \$6.00 for 10,000.

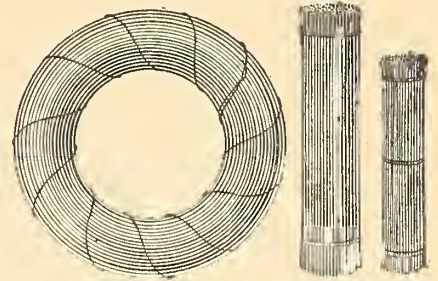
6 inch, dyed green, per box of 3,000, \$2.50; \$7.50 for 10,000.



Toothpick Holder

WIRED TOOTHPICK HOLDER

A handy device for holding wired toothpicks. Price, \$2.50.



WIRE (Price Subject to Change)

ANNEALED

No. 16 per 12-lb. stone.....	\$1.10
No. 18 per 12-lb. ".....	1.30
No. 20 per 12-lb. ".....	1.35
No. 22 per 12-lb. ".....	1.40
No. 24 per 12-lb. ".....	1.50

GALVANIZED

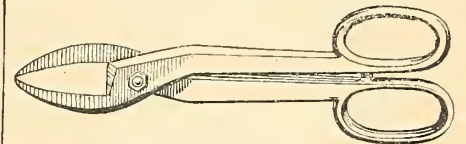
No. 16 per 12-lb. stone.....	\$1.35
No. 18 per 12-lb. ".....	1.45
No. 19 per 12-lb. ".....	1.50
No. 20 per 12-lb. ".....	1.55
No. 22 per 12-lb. ".....	1.60

TINNED WIRE

For bunching celery and other vegetables. No. 19, cut to 8 1/2 in. long, 10-lb. box..... \$2.00
We do not sell less than a stone of wire.

CUT BOUQUET WIRE For Stemming Flowers, Etc.

No. 20. Cut, 9, 12 or 18 in. long, 20c. per lb.; per box, 12 lbs., \$1.50.	
No. 22. Cut, 9, 12 or 18 in. long, 25c. per lb.; per box, 12 lbs., \$1.75.	
No. 24. Cut, 9, 12 or 18 in. long, 30c. per lb.; per box, 12 lbs., \$2.25.	



WIRE SNIPS

	Each
No. 833—7 1/2 inches, short blade.....	\$1.15
No. 832—8 inches, long blade.....	1.15
No. 12—8 inches, heavy.....	1.25
No. 10—10 inches, heavy.....	1.75

CARNATION MENDING DEVICES

Staples. For calyx mending, 35c. per 1,000; 5,000 for \$1.50; \$2.80 for 10,000; 25,000 for \$6.50; \$12.50 for 50,000.

Rubber Bands. Ounce, 25c.; 85c. per 1/4 lb.; 1/2 lb., \$1.60; \$3.00 per lb.

Bauer Carnation Outfits

Pliers and 1,000 clips, \$2.50.

Pliers, each, \$2.00.

Clips, 85c. per 1,000; 5,000 for \$3.75.

TINFOIL

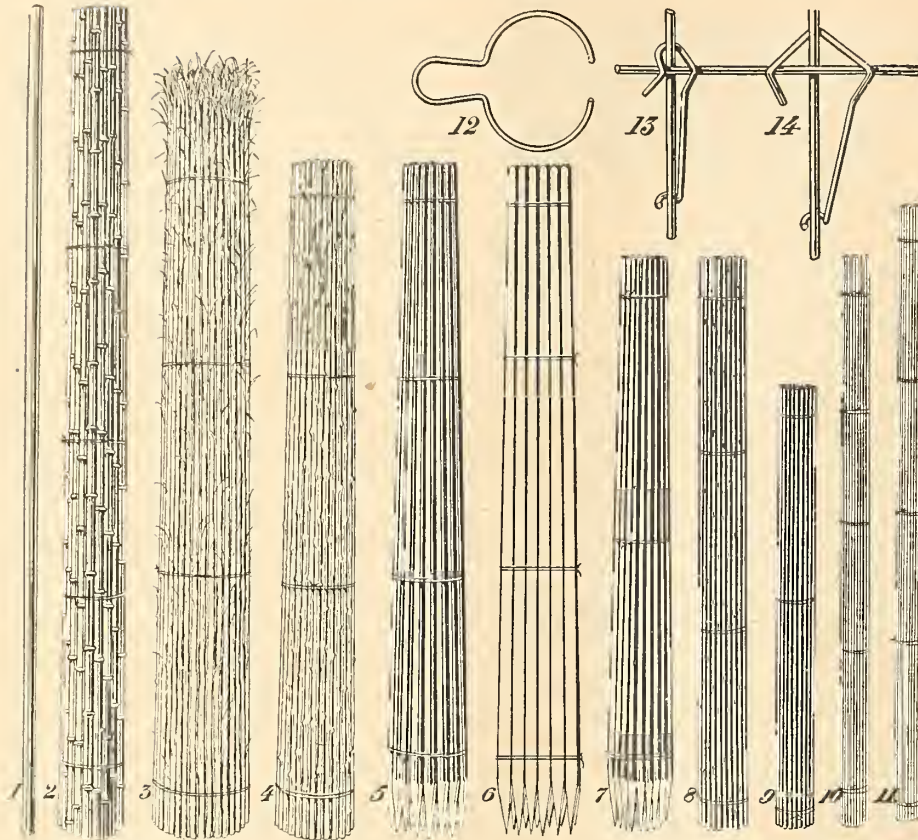
	Width	Lb. 5 lbs.	10 lbs.
Plain (5 lb. rolls) .5 inch.....		\$0.75	\$1.40
Plain..... 5 ".....		\$0.15	.70
Plain..... 6 ".....		.15	.70
Violet Foil..... 6 ".....		.45	2.00
Green Foil..... 6 ".....		.45	2.00
Patent Cutter for rolls of Tinfoil, 60c.			

Ask for prices on large quantities of foil.

MICHELL'S SUNDRIES FOR FLORISTS, ETC.

FLORISTS' SUNDRIES

Bull Dog Clips. For fastening packages, boxes, etc.; 85c. per box of 1000.
Carnation Dye. (Green). Per pkg., 65c.
Celery Tape (Red only). 1000 yds., \$4.25.
Charcoal (Lump). Peck, 50c.; \$1.75 per bu.; bbl. sack, \$2.50.
Charcoal (Ground). Coarse or fine. Per 5 lbs., 30c.; \$1.00 per 25 lbs.; 100 lbs., \$3.75.
Grafting Wax. Per ¼ lb., 10c.; 20c. per ½ lb.; lb., 35c.
Leaf Mould. Per peck, 40c.; \$1.25 per bu.; bbl., \$2.75.
Moss. All kinds. See page 87.
Peat. Per peck, 40c.; \$1.25 per bu.; bbl., \$2.75.
Peat, Orchid. Per peck, 60c.; \$1.50 per bu.; bbl., \$2.75.
Pebbles. Per qt., 8c.; 50c. per peck; bu., \$1.75; \$3.75 per bbl.
Pruning Compound. Per qt., 75c.; \$2.25 per gal.
Sand. For propagating. Per peck, 35c.; \$1.25 per bu.; bbl., \$2.75.
Shaderine. Per 5 lbs., \$1.35; \$2.25 per 10 lbs.
Soil. Prepared potting. Per peck, 35c.; \$1.30 per bu.; bbl., \$2.75.
Tree Paint. Per qt., 75c.; \$2.25 per gal.
Weed Killer. Dilutes 1 gal. to 40 gallons of water. Per qt., 50c.; 80c. per ½ gal.; gal., \$1.25; \$5.75 per 5 gals.; 10 gals., \$11.00; \$27.00 per 30 gals.; 50 gals., \$42.50.
Zementine. For whitewashing and shading glass. Per 2 lbs., 35c.; \$1.65 per 10 lbs.



Key to above illustration: No. 1, Pole for Pruners; No. 2, Bamboo Poles. Stakes, No. 3, Southern Cane; No. 4, Japanese Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green; No. 9, Hyacinth; No. 10, Galvanized Wire, No. 10 wire; No. 11, Galvanized Wire, No. 8 wire; No. 12, Wire Plant Tie; No. 13, Eureka Stake Fastener; No. 14, Everlasting Stake Fastener.

PLANT STAKES

No. 10 Steel Wire, Galvanized

	Doz.	100	1000		Doz.	100	1000
2 foot.....	\$0.15	\$0.90	\$6.60	4½ foot....	\$0.40	\$1.65	\$13.00
2½ ".....	.20	1.10	8.00	5 ".....	.45	1.80	15.00
3 ".....	.25	1.25	9.00	5½ ".....	.50	2.00	16.50
3½ ".....	.30	1.40	10.00	6 ".....	.55	2.25	18.00
4 ".....	.35	1.50	11.25				

No. 8 Steel Wire, Galvanized

For staking American Beauty and other strong-growing roses.

	Doz.	100	1000		Doz.	100	1000
2 foot.....	\$0.25	\$1.25	\$9.00	4½ foot....	\$0.50	\$2.25	\$18.50
2½ ".....	.30	1.35	10.50	5 ".....	.55	2.50	21.00
3 ".....	.35	1.60	13.00	5½ ".....	.60	2.65	22.50
3½ ".....	.40	1.75	14.00	6 ".....	.65	2.75	23.00
4 ".....	.45	2.00	16.00				

GREEN PAINTED TAPERING PLANT STAKES

	Doz.	100		Doz.	100
1½ foot.....	\$0.23	\$1.73	3½ foot.....	\$1.00	\$7.70
2 ".....	.42	3.22	4 ".....	1.20	9.20
2½ ".....	.61	4.71	5 ".....	1.59	12.19
3 ".....	.81	6.21			

GREEN PAINTED HEAVY OR DAHLIA STAKES

	Doz.	100		Doz.	100
3 foot.....	\$1.29	\$9.89	5 foot.....	\$2.19	\$16.79
3½ ".....	1.49	11.38	6 ".....	2.68	20.58
4 ".....	1.71	13.11			

SQUARE PAINTED PLANT STAKES

	Doz.	100		Doz.	100
1½ foot.....	\$0.25	\$1.75	3½ foot.....	\$1.00	\$7.25
2 ".....	.40	2.75	4 ".....	1.10	8.50
2½ ".....	.55	3.75	5 ".....	1.65	12.60
3 ".....	.90	6.50	6 ".....	1.90	14.50

HYACINTH STAKES (Wood) Dyed Green

	100	1000	5000	10,000
5 inch.....	\$0.15	\$1.00	\$4.50	\$8.50
12 inch.....	.25	1.60	7.50	14.00
18 inch.....	.35	2.40	11.25	22.00

CANE STAKES

	100	500	1000
Southern, about 6 to 7 ft., selected.....	\$1.25	\$5.00	\$9.00

JAPANESE CANE STAKES (Very Thin)

Natural			Green		
	100	1000		100	1000
2 foot.....	\$0.55	\$4.00	1 ½ foot.....	\$0.50	\$3.00
2½ “.....	.75	5.00	2 “.....	.60	4.25
3 “.....	.85	5.50	2½ “.....	.80	6.00
4 “.....	1.00	8.00	3 “.....	.90	6.50
6 “.....	1.25	9.50	3½ “.....	1.00	7.00
			4 “.....	1.20	8.50
			5 “.....	1.30	9.00

STAKE FASTENERS

Everlasting Style. Heavy, \$1.75 per 500; 1000 for \$3.00; \$14.00 per 5000; 10,000 for \$27.00. (See illustration No. 14.)

Eureka Style. Light, \$2.00 per 1000; 5000 for \$9.50; \$17.50 per 10,000. (See illustration No. 13.)

BUSCHARDT'S WIRE PLANT TIE

Takes the place of twine; can be used more quickly and many times. Per 1000, \$2.00; \$9.50 per 5000; 10,000 for \$18.00.

POLES FOR TREE PRUNERS

12 feet long, 1¼ inches diameter.....	each	\$1.80
14 feet long, 1½ inches diameter.....	each	2.00

BAMBOO POLES

	Each	Doz.	100
15½ to 16 feet.....	\$0.40	\$4.50	\$32.50
17½ to 18 feet.....	.50	5.75	40.00
19 to 20 feet.....	.65	6.75	47.50

MICHELL'S WIRE DESIGNSCarefully and
Substantially made

WHEN ORDERING PLEASE STATE NUMBER AND SIZE

FLORAL ARTA book containing about
50 illustrations of designs.
Price, \$1.25.

We make a slight charge at actual cost for packing Wire Designs, on account of the small profit at which they are sold.

ANCHORS—FLAT**No. 1**

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
10	\$0.20	\$2.00	\$3.75	20	\$0.45	\$4.75	\$8.40
12	.25	2.45	4.40	22	.50	5.65	10.00
14	.30	2.85	5.10	24	.60	6.60	11.80
16	.35	3.40	6.10	30	1.40	15.10	27.00
18	.40	3.80	6.75	36	2.25	23.60	42.15

ANCHORS ON BASE**No. 3**

Measure not including base.

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
10	\$0.30	\$3.40	\$6.00	20	\$0.70	\$7.55	\$13.50
12	.35	3.75	6.75	22	.90	9.45	16.85
14	.45	4.75	8.45	24	1.15	12.25	21.90
16	.55	5.65	10.10	30	1.80	18.90	33.75
18	.65	6.60	11.80	36	3.00	31.15	55.65

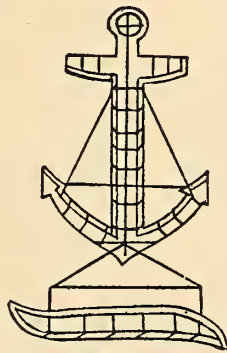
ANCHOR AND CROSS**No. 13**

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.20	\$2.25	\$4.00	21	\$0.45	\$4.70	\$8.45
15	.30	2.85	5.00	24	.55	5.65	10.10
18	.35	3.40	6.00				

ANCHOR AND CROSS STANDING

Measure not including base.

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.40	\$4.15	\$7.40	21	\$0.70	\$7.50	\$13.50
15	.45	4.70	8.45	24	.90	9.45	16.85
18	.60	6.60	11.80				

**ANCHOR ON RECLINING STAND****No. 2**

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.55	\$5.65	\$10.10	20	\$0.90	\$9.45	\$16.85
14	.65	6.60	11.80	22	1.20	12.25	21.95
16	.70	7.55	13.50	24	1.50	16.00	28.70
18	.80	8.50	15.20				

CROSSES (FLAT) No. 74

In.	Each	Doz.	25
12	\$0.14	\$1.35	\$2.40
14	.16	1.50	2.70
16	.18	1.70	3.05
18	.19	1.90	3.40
20	.20	2.05	3.75
22	.22	2.25	4.00
24	.26	2.65	4.70
26	.28	2.80	5.00
28	.30	3.40	6.10
30	.35	3.80	6.75
32	.45	4.70	8.45
34	.55	5.65	10.10

For moss, tinfoil, toothpicks and stem-
ming wire, see page 87.**CROSSES ON STAND****No. 75**

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
10	\$0.30	\$2.85	\$5.00	22	\$0.70	\$7.55	\$13.50
12	.35	3.40	6.00	24	.80	8.50	15.20
14	.40	3.80	6.75	26	.90	9.45	16.85
16	.45	4.70	8.45	30	1.25	13.25	23.60
18	.55	5.65	10.10	36	1.80	18.90	33.75
20	.65	6.60	11.80				

CROSSES, FLAT SLANTING

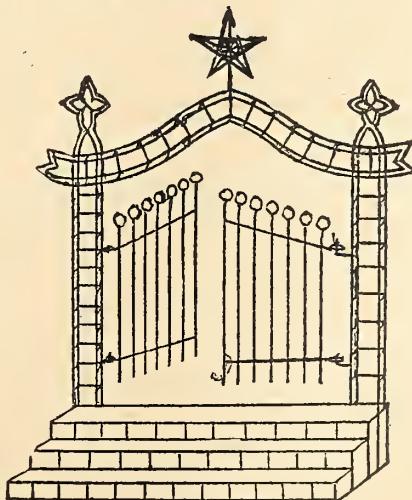
In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.15	\$1.50	\$2.70	22	\$0.35	\$3.40	\$6.00
14	.20	1.70	3.00	24	.40	3.80	6.75
16	.20	1.90	3.35	26	.45	4.70	8.45
18	.25	2.25	4.00	30	.50	5.30	9.45
20	.30	2.85	5.00	36	.70	7.55	13.50

CASKET CROSSES**No. 71**

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.15	\$1.90	\$3.35	24	\$0.45	\$4.70	\$8.45
14	.20	2.25	4.00	26	.50	5.30	9.45
16	.25	2.65	4.70	30	.55	5.65	10.10
18	.30	3.00	5.40	34	.70	7.55	13.50
20	.35	3.40	6.00	36	.80	8.50	15.20

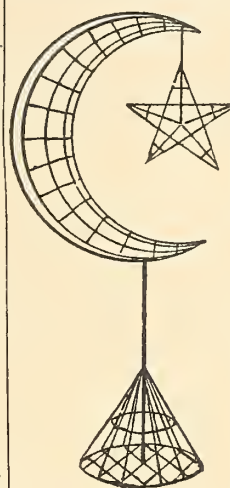
**CROSS ON RECLINING STAND,
WITH LETTERING FRAME****No. 78**

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.55	\$5.65	\$10.10	24	\$1.20	\$12.30	\$21.95
14	.60	6.60	11.80	26	1.35	14.15	25.30
16	.70	7.55	13.50	28	1.55	16.00	28.70
18	.80	8.50	15.20	30	1.70	17.95	32.00
20	.90	9.45	16.85				

**GATES AJAR****No. 113. Single Gates.**

Steps and Star, included in measure.

15	inch high, 1 step	each	\$1.35
18	" " 1 "	"	1.55
21	" " 2 steps	"	1.80
21	" " 2 "	"	2.25
27	" " 2 "	"	2.70
30	" " 3 "	"	3.15
33	" " 3 "	"	3.60

CRESCENT No. 58

In.	Ea.	Doz.	25
8	\$0.15	\$1.50	\$2.70
10	.20	1.90	3.35
12	.25	2.25	4.00
14	.30	2.85	5.00
16	.35	3.40	6.00
18	.40	3.80	6.75
20	.45	4.15	7.40
22	.50	4.70	8.45
24	.55	5.65	10.00

**CRESCENT AND
STAR ON
STAND
No. 61**

In.	Ea.	Doz.	25
10	\$0.55	\$5.65	\$10.10
12	.65	6.60	11.80
14	.70	7.55	13.50
16	.80	8.50	15.20
18	1.00	10.40	18.55
20	1.20	12.25	22.00
22	1.45	15.10	27.00
24	1.80	18.90	33.75

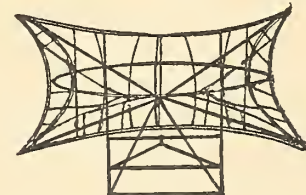
EASELS**No. 92**

A very pretty Stand for Designs.

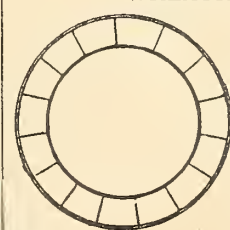
In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
15	\$0.15	\$1.50	\$2.70	27	\$0.30	\$2.80	\$5.00
18	.18	1.90	3.35	30	.35	3.75	6.75
21	.20	2.05	3.70	36	.55	5.65	10.10
24	.25	2.25	4.05				

HORSESHOES No. 129**On Easel**

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.30	\$2.80	\$5.00	24	\$0.80	\$8.50	\$15.20
14	.35	3.75	6.75	26	1.00	10.40	18.55
16	.45	4.70	8.45	28	1.20	12.25	21.95
18	.55	5.65	10.10	30	1.35	14.15	25.30
20	.65	6.60	11.80	33	1.80	18.90	33.75
22	.70	7.55	13.50	36	2.25	23.60	42.20

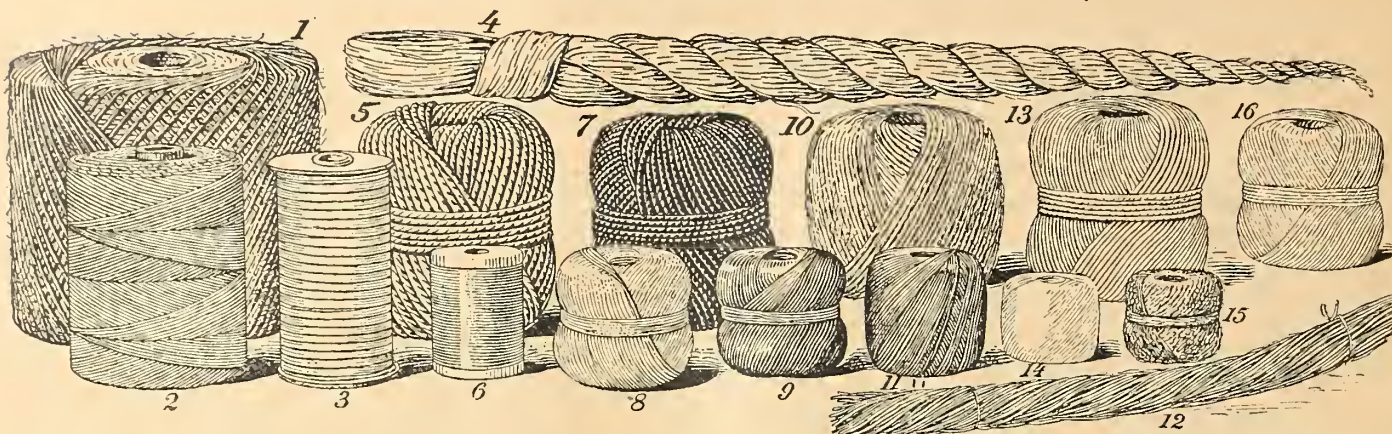
**PILLOWS—FLAT No. 169**

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
10	\$0.20	\$1.90	\$3.35	20	\$0.50	\$5.65	\$10.10
12	.25	2.45	4.40	22	.60	6.60	11.80
14	.30	2.80	5.00	24	.80	8.50	15.20
16	.35	3.80	6.75	26	1.00	10.40	18.55
18	.45	4.70	8.45	28	1.20	12.30	21.90

WREATHS No. 220

In.	Ea.	Doz.	25
8	\$0.10	\$0.95	\$1.70
10	.12	1.15	2.00
12	.14	1.35	2.35
14	.16	1.50	2.70
16	.18	1.70	3.00
18	.30	2.85	5.00
20	.35	3.40	6.00
22	.45	4.70	8.45
24	.55	5.65	10.10

MICHELL'S SUNDRIES FOR FLORISTS, ETC.



Key to above illustrations: No. 1, Binder; No. 2, Peerless; No. 3, Raffiatape; No. 4, Raffia; No. 5, Express; No. 6, Silkaline; No. 7, Tarred Marlin; No. 8, Cayuga, medium; No. 9, Smilax; No. 10, Jute; No. 11, Green Sea Island; No. 12, Tarred Sisal; No. 13, Japanese; No. 14, Special White Cotton; No. 15, Linen Bouquet; No. 16, Cayuga, heavy.

TWINES, ETC.

	Per ball	Per lb.
No. 108. White Cayuga Twine. Medium.....	\$0.30	\$0.60
No. 208. White Cayuga Twine. Heavy.....	.30	.60
Jute, 2-ply and 3-ply. 5 lbs., \$1.35.....	.18	.30
Linen Bouquet, 3 lbs., \$2.15.....	.12	.75
Green Sea Island, 5 lbs., \$2.90.....	.08	.60
Special White Cotton, 3-ply.....	.10	.50
Tarred. For Mat making.....	.28	
Tarred Sisal. For fodder.....	.14	
Binder (bale lots, 16c. per lb.).....	.18	
No. 6. Express. Very heavy.....	.25	
No. 4½. Japanese Twine. Medium heavy.....	.25	
Green Silkaline. For stringing Smilax and Asparagus. Fast color and will not fade; very strong and will not break. Price, F, fine; FF, medium; FFF, coarse, per spool, 30c.; \$2.25 per lb. (8 spools).		
Smilax Twine (Silkaline Substitute). A green linen thread, very similar to Silkaline; fast color. Per spool, 20c.; \$1.25 per lb.; 5 lbs., \$5.75; \$11.00 per 10 lbs.		

FLORISTS' SPECIAL PEERLESS TWINE

For tying up flower boxes, designs, etc. Very attractive. Color, Nile green; in 1-lb. spools, 90c.; \$4.00 per 5 lbs.

HEADQUARTERS FOR RAFFIA

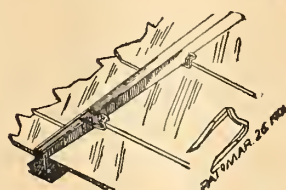
We make a careful selection of long, broad strands for our trade.

Natural Color. 20c. per lb.; 5 lbs. at 18c. per lb.; 10 lbs. at 16c. per lb.
Green Raffia. 85c. per lb.; 5 lbs. for \$4.00.

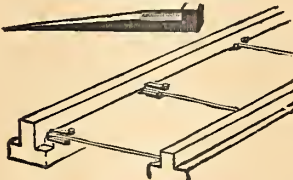
RAFFIATAPE

This article is made of a composition of paper and linen, and is tremendously strong. It is about ½-in. wide, and is put up in 250-yd. spools or reels. There is no waste, as the reel permits it to be hung from a buttonhole, and it can be used as needed. Color, Nile green.

Per bolt of 250 yards, 80c.; 5 bolts, \$3.75.
Price on page 32 is incorrect.



Peerless Glazing Point



Siebert's Glazing Point

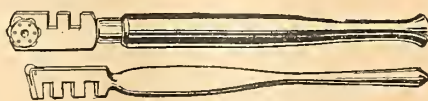
GLAZING POINTS

Peerless Glazing Points. Nos. 1 and 2 for single-thick glass, No. 2½ for double-thick glass; 60c. per 1000; 5000 for \$2.75. If wanted by mail, add 10c. per 1000 for postage.

Pincers. For driving Peerless Points, 50c. per pair.

Sieberts' Style Points (Zinc). Three sizes, ⅝, ¾ and 7⁄8 inch, 45c. per lb.; 5 lbs., \$2.10; \$4.00 per 10 lbs.

Zinc Nails, ⅝, ¾ and 7⁄8 inch, 40c. per lb.; 5 lbs., \$1.90. If desired by mail, allow for postage.



GLASS CUTTERS

No. 8. Small Diamond (Ebony Handle)..... Each \$4.00

No. 8A. Large Diamond (Mahogany Handle)..... 5.25

Single Wheel; Steel (Doz., \$2.00).... .20

6-Wheel, Adjustable..... .40



TO MEND CRACKED GLASS IMMEDIATELY AND PERMANENTLY

Made of zinc, will not rust. Will save lights of glass worth from 20 cents to 30 cents each. Price \$1.50 per 100.

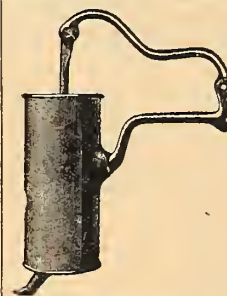
TWEMLOW'S PUTTY

Superior to ordinary putty; more easily applied and lasting. Can be put on with a putty bulb or mastic machine.

1 gallon.....\$2.50
5 gallon kit.....12.25
10 gallon kit.....24.00

PUTTY DISTRIBUTOR

The best appliance for distributing putty. Each, \$1.35. Parcel Post weight, 1 lb.



Mastica Machine



Putty Distributor

MASTICA

Mastica is a prepared putty, which retains its soft qualities for a long while, making it possible to replace broken lights of glass readily.

Per gal., \$2.25; \$11.00 per 5 gals.
Mastica Machine. Each, \$2.75.

MASTICOTE GLAZING CEMENT (Black)

For waterproofing greenhouse gutters, roofs, etc.; gives splendid satisfaction; also for making sash bars watertight. Apply with a mastic machine. Per gal., \$2.00; \$9.50 per 5 gals.; 10 gals., \$18.00.

HAMMOND'S GREENHOUSE WHITE PAINT

Undoubtedly the best and most economical white paint on the market today. Per gal., \$3.75; \$18.00 per 5 gal. kit.

DAYLITE GLASS CLEANER

For taking off white-wash shading, etc. Is the most powerful cleaner on the market. Apply with a brush, leave on a few minutes and rinse off with cold water.

One gallon will clean about 400 to 600 square feet of glass. Price, 1 gal., \$2.25; \$9.00 per 5 gals.

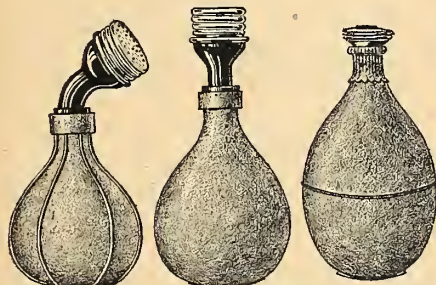




The Misto Cut Flower Sprayer

MISTO CUT FLOWER SPRAYER

The greatest invention ever offered for applying water to cut flowers, funeral and other design work; makes a wonderfully fine mist, avoiding all drip; so simple in construction it will last forever; nothing to get out of order; made of metal, nicely nickeled; can be used in connection with most any ordinary bottle. Guaranteed in every respect or money back. Price, without bottle, \$1.00 each; 6 for \$5.00.



Spraywell

Scollay

RUBBER SPRINKLERS

For sprinkling cut flowers, seedlings, etc. Either Straight or Crook Neck.

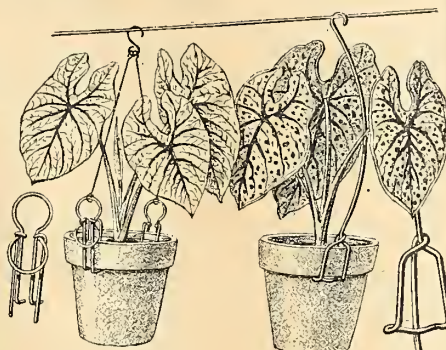
	Each	Doz.
Spraywell Style—6 oz. capacity	\$0.75	
Spraywell Style—8 oz. capacity	.85	
Spraywell Style—10 oz. capacity	1.10	
No. 1. Scollay—10 oz. capacity	1.35	

THE HOUGHTON SPRAYER

A device for attaching to the water line spigot for distributing in a highly efficient manner modern greenhouse insecticides; the sprayer can also be attached to a force spray pump by means of an interchangeable ferrule, $\frac{1}{2}$ and $\frac{3}{4}$ -inch. The illustration shows a substantial sized glass reservoir into which a cartridge of insecticide as offered below is put, the water is turned on at the faucet after the hose is attached and you have one of the most perfect systems of applying insecticides to plants either under glass or out of doors; a branch pipe with nozzle which is part of the equipment is put on the nozzle end of the hose and the preparation to be used is applied under reasonably high pressure, because the nozzle is so designed. Price of Nozzle, pipe and reservoir with interchangeable ferrules, \$6.00.

Price List and Varieties of Cartridges:

	Each	Doz.		Each	Doz.
Arsenate of Lead	\$0.55	\$6.00	Fish Oil	\$0.55	\$6.00
Hellebore (Petroleum)	.55	6.00	Fish Oil and Nikoteen	.55	6.00
Arsenate of Lead and Fish			Caustic Petroleum	.55	6.00
Oil (Comb.)	.55	6.00	Bordeaux and Fish Oil	.55	6.00



Krick's

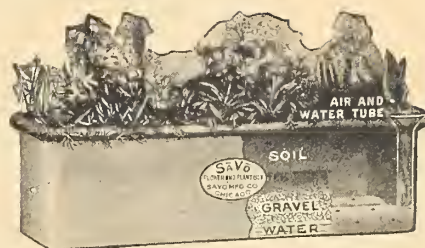
Eureka

POT HANGERS

	Wt. per doz.	Each	Doz.
Krick's No. 1. For 3 to 5-in. pots	1 lb.	\$0.06	\$0.60
Krick's No. 2. For 6 and 7-in. pots	1 lb.	.07	.70
Krick's No. 3. For 8 to 10-in. pots	1 lb.	.08	.80

Eureka. Suitable for any size pot up to 8 inches. Made of galvanized wire, 15 inches long. 15c. each; \$1.50 per doz.; \$11.00 per 100.

Parcel Post Weight, each, 8 ozs.



WINDOW BOXES

Savo Self-Watering

The Savo Flower and Plant Bozes are made of the best grade of galvanized steel, with neat round corners and a full roll rim, the watering is easy, the drainage ample, the air circulation perfect. The green enamel finish inside and out prevents rust or leakage. They will last in constant use many years. Reservoir requires water about every 10 days to two weeks.

	Height	Width	Length	Price
Model A,	6½ in.	6½ in.	23 in.	\$2.75
Model B,	8 in.	9½ in.	29 in.	3.75
Model C,	8 in.	9½ in.	35 in.	4.25
Model D,	8 in.	9½ in.	41 in.	4.75

These are outside measurements, including the $\frac{3}{4}$ -inch roll rim. Special sizes made to order when required.

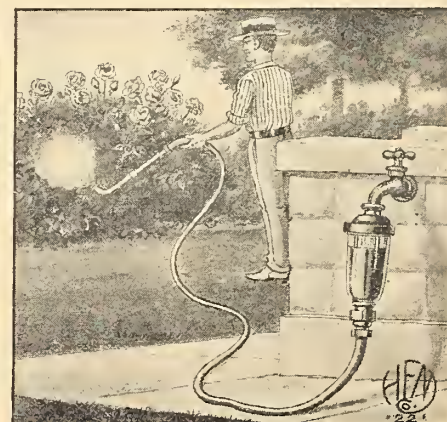
THE SAVO

Self-Watering Plant Tub

Model E—12x12-in.x 8-in deep	.....	\$2.75
Model F—12x12-in.x12-in. deep	.....	3.25

A NEW BOOK FOR THE FLORIST COMMERCIAL FLORICULTURE

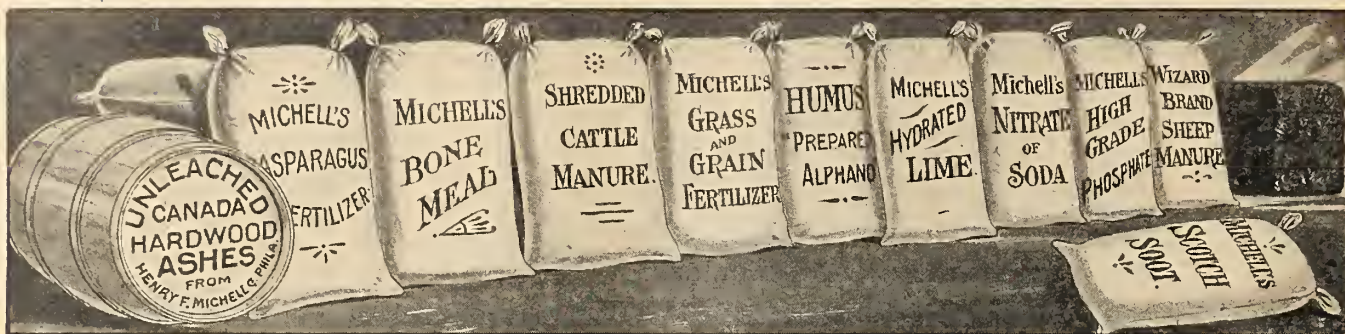
Fritz Bahr who has devoted over fifty years to the commercial florist business, gives in this publication which he has written a mine of practical information. It will be a great help to the beginner and will refresh the memory of even the veteran florist. Price, postpaid, \$5.00.



Houghton Sprayer

MICHELL'S HIGH GRADE FERTILIZERS

PLEASE NOTE.—No smaller quantity of Fertilizer than here offered can be supplied.



Acid or Rock Phosphate (14%). Apply 1,000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. \$2.50 per 200 lbs.; 1,000 lbs., \$10.00; \$19.00 per ton.

Alphano Inoculant. A soil bacteria used in growing legumes. It comes in a finely powdered form, making it easy to use. 1-acre size (2 lbs.), 90c.; per 10-acre size, \$7.25.

Anti-Clover Fertilizer (Michell's). The use of this on golf courses and putting greens is highly recommended as it prevents the growth of white clover which is very unessential on golf courses. Analysis: Ammonia 8%; phosphoric acid 2%; potash 1%. 200-lb. bags only. \$7.00 per 200 lbs.; 1000 lbs., \$34.50; \$67.50 per ton.

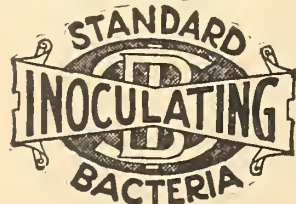
Ashes, Hard Wood. Apply 1,000 lbs. per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top dressing lawns and grass fields it is applied to best advantage either in very early spring or late fall. Per 25 lbs., 75c.; \$1.35 per 50 lbs.; 100 lbs., \$2.25; \$3.75 per 200-lb. bbl.; 1,000 lbs., \$15.00; per ton, \$29.00.

Asparagus Fertilizer. A mixture that promotes the root and top growth. Apply 800 lbs. per acre. In 200-lb. sacks only. 200 lbs., \$4.50; \$21.00 per 1,000 lbs.; per ton, \$40.00



Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditions identical. This contrast speaks for itself.

improves feeding value.



Price, Garden size, 50c.; 75c. per one acre size.

Bacteria, Farmogerm. Because of the method of sealing the bottle—a patented stopper which admits filtered air and keeps out all impurities—Farmogerm retains its good qualities for a long time. A different culture is required for each crop; be sure to state what crops you wish to inoculate. Price, 1 acre size, \$1.00; 3 acre size, \$2.50; 12 acre size, \$9.00. Special size culture for peas, beans and sweet peas, $\frac{1}{4}$ acre size only, 50c.

Bacteria, Mulford Culture.

For inoculating clovers and other legumes, such as beans, peas and such other plants that have blossoms similar in shape and form to the above named. The application of bacteria to the seed of these legumes when planting practically trebles the nitrogen gathering powers and for this reason we urge all planters to use it. 35c. per trial bottle; $\frac{1}{4}$ -acre size, 75c.; \$1.50 per acre size; 5 acre size, \$5.00.

Bacteria, Standard Inoculating.

For all legumes. Increases the yield; enriches the soil; hastens maturity; The preparation of these cultures insures the highest possible virility and therefore positive inoculation and an abundance of nodules. The Standard Inoculating Bacteria is put up in amber colored bottles with glass air tubes and cotton filters. Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

ALL PRICES ON FERTILIZERS SUBJECT TO MARKET CHANGES

Blood (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 50c.; 80c. per 10 lbs.; 25 lbs., \$1.75; \$3.25 per 50 lbs.; 100 lbs., \$6.25; \$12.25 per 200 lbs.; 500 lbs., \$30.00; \$57.50 per 1,000 lbs.; ton, \$110.00.

Blood Flour. Similar to dried blood, excepting that it is finer and acts almost instantly, in 100 lb. bags. Price, \$6.50 per 100 lbs.; 200 lbs., \$12.50; \$60.00 per 1000 lbs.; per ton \$117.50.

Bon Arbor. A concentrated chemical fertilizer to be used in liquid or powder form, according to directions on package. Dilute 1 lb. to 30 gals. water. Per lb., 55c.; \$2.25 per 5 lbs.

Bone (Coarse Ground). Apply 800 to 1,000 lbs. per acre. Prepared from raw bone, exactly like bone meal, except that it is not so fine or quick in action; it is used for the same purposes. In 200-lb. bags only. 200 lbs., \$6.50; \$31.50 per 1,000 lbs.; per ton, \$62.00.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose growing this cannot be excelled. Rich in phosphoric acid and ammonia. 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.00; \$7.50 per 200 lbs.; 1,000 lbs., \$35.00; \$65.00 per ton.

Bone Meal (Michell's Special Florist's Brand). Apply 800 to 1,000 lbs. per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose beds and greenhouse use. 3 lbs., 20c.; 30c. for 5 lbs.; 10 lbs., 55c.; \$1.25 per 25 lbs.; 50 lbs., \$2.25; \$3.50 per 100 lbs.; 200 lbs., \$6.25; \$28.50 per 1,000 lbs.; ton, \$55.00.

Chrysanthemum Manure (Thompson's Special). Especially recommended and used by the leading gardeners of England and America. Especially suitable for top-dressing for chrysanthemums and similar plants. Can be used in liquid or dry form. Per 28-lb. sack, \$3.50; \$6.25 per 56-lb. sack.

Clay's Fertilizer. An English chemical fertilizer for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28 lbs., \$3.25; \$5.50 for 56 lbs.; 112 lbs., \$10.50.

Climax Lawn Sand. (See Lawn Sand.)

Cotton Seed Meal. Apply 800 lbs. per acre. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.10; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$32.50 per 1,000 lbs.; ton, \$62.50.

Cow or Cattle Manure (Pulverized). See 4th cover. Thoroughly sterilized and weedless. Quick in action and especially desirable for pot plants, etc. In 100-lb. bags f. o. b. Philadelphia, \$3.25 per 100 lbs.; 500 lbs., \$15.00; \$26.50 per 1,000 lbs.; ton, \$50.00.

Cow or Cattle Manure (Shredded). See 4th cover. One sack of this is equal to one carload of fresh cow manure. Especially suited for soil mixing, mulching and liquid manuring. F. o. b. Philadelphia. 100 lbs., \$3.25; \$15.00 per 500 lbs.; 1,000 lbs., \$26.50; \$50.00 per ton. F. o. b. Chicago, 100 lbs., \$2.50; \$9.50 per 500 lbs.; 1,000 lbs., \$16.00; \$30.00 per ton.

Grass and Grain Fertilizer (Michell's). For top dressing wheat, rye, pasture lands and clover fields; apply 600 to 800 lbs. per acre. No less than 200 lbs. can be supplied. \$4.00 per 200-lb. sack; 1,000 lbs., \$20.00; \$37.50 per ton.

PLEASE NOTE—No smaller quantity of Fertilizer than here offered can be supplied.

Grass Grower (*Michell's Odorless*). This is a complete balanced fertilizer for fairways and putting greens and it is highly desirable, for it avoids putting on fertilizers some parts of which are only suitable for grass growing purposes. This fertilizer is complete in every way and will produce wonderful results. Analysis, ammonia 7%; phosphoric acid 8%; potash 1%. In 10 lb. cans for store resale 75c. each (retails for \$1.00). 200 lb. bags only. \$7.00 per 200 lbs.; 1000 lbs., \$34.50; \$67.50 per ton.

Hog Manure (*Pulverized*). Splendid for forcing vegetables and flowering plants, increasing size and yield. Put up and sold in 100-lb. bags only. Per 100 lbs., \$3.50; \$15.50 per 500 lbs.

Horse Manure. (See Manure.)

Horn Shavings. Used principally for mixing in potting soil; rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 50c.; 90c. per 10 lbs.; 25 lbs., \$1.75; \$3.25 per 50 lbs.; 100 lbs., \$6.00; \$11.00 per 200 lbs.

Humus (*Prepared Alphano*). An excellent article to incorporate with poor soil in the garden or greenhouse, especially desirable for mixing with potting soil. 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 75c.; \$2.50 per 100 lbs.; 500 lbs., \$11.25; \$17.00 per 1,000 lbs.; ton, \$30.00. (Special price f. o. b. factory.)

Humus (*Natural Alphano*). In bulk, car lots only, of 30 tons. \$6.00 per ton f. o. b. Alphano.

Kainit (*Potash Salts*). Apply 800 to 1,000 lbs. per acre. Excellent for potatoes, corn and other grains. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 75c.; \$1.35 per 100 lbs.; 200 lbs., \$2.50; \$11.00 per 1,000 lbs.; ton, \$20.00.

Land Plaster. Apply about 1,500 to 2,000 lbs. per acre. For top dressing sour and worn out soils, also for mixing with Paris Green. 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.25 per 200 lbs.; per ½ ton, \$14.50; \$27.50 per ton.

Lawn Sand (*Chimax*). A weed destroyer as well as a fertilizer, containing a large percentage of nitrogen. Will be found very valuable for lawn use. For best results follow the directions on the package. 3½-lb. tin, 65c.; \$1.25 for 7 lbs.; 14 lbs., \$2.25; \$3.75 per 28 lbs.; 56 lbs., \$6.00; \$11.50 per 112 lbs.

Limestone (*Pulverized*). For applying to sour and worn out soils at the rate of 1 ton per acre. Per 100-lb. bag, \$1.25; \$5.25 per 500 lbs.; 1,000 lbs., \$8.50; \$15.00 per ton.

Lime (*Hydrated or Powdered*). For mixing with earth or other purposes where a soil sweetener is needed. 40c. per 10 lb. box; 125-lb. sack, \$1.90; \$6.75 per 500 lbs.; 1,000 lbs., \$12.00; \$22.00 per ton.

Manure. At short notice we can usually supply first-class horse, cow and stock-yard manure in carload lots only. Prices quoted on request.

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn, grains, etc. Analysis equal to 50% actual potash. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.00; \$7.50 per 200 lbs.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 oz. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 40c.; 75c. per 10 lbs.; 25 lbs., \$1.35; \$2.50 per 50 lbs.; 100 lbs., \$4.50; \$8.50 per 200 lbs.; 1,000 lbs., \$40.00; \$75.00 per ton.

Phosphate, Michell's High-Grade. For all vegetable crops; grains, grass, etc. Apply 800 to 1,000 lbs. per acre broadcast. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.25 per 200 lbs.; ½ ton, \$18.00; \$35.00 per ton.

Phosphate for Corn (*Michell's*). This is supplied in 200-lb. sacks only, no smaller quantity sold. \$4.00 per 200-lb. sack; per 1,000 lbs., \$17.00; \$32.50 per ton.

Plant Food (*Michell's*). A highly concentrated chemical fertilizer for house, garden or conservatory. Clean, odorless, and producing early and abundant blossoms of rich and brilliant color, and healthy, luxuriant plants. Analysis: Nitrogen, 2½%; available phosphoric acid, 7%; potash 2%. 5 oz. pkgs., \$1.25 per doz. pkgs.; 100 pkgs., \$9.00; 12 oz. pkgs., doz., \$2.25; \$17.50 per 100; 50 at the 100 rate.

Plant Life (*Zenke's*). A liquid plant food, tonic and fertilizer. It contains in concentrated form the elements of plant food in proper proportion for absorption by the plant. Per 8 oz., 20c. (per doz. cans, \$2.00); \$3.00 per gal.

ALL PRICES ON FERTILIZERS SUBJECT TO MARKET CHANGES

Potato Fertilizer (*Michell's*). Apply 800 to 1,000 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.75 per 200 lbs.; ½ ton, \$22.00; \$40.00 per ton.

Poudrette (*Native Guano*). Apply 1,000 lbs. per acre. Extensively used for gardens, lawns, in making compost and in fact wherever a good, quick-acting fertilizer is wanted. 25 lbs., 75c.; \$2.00 per 100 lbs.; 200 lbs., \$3.75; \$16.50 per ½ ton; ton, \$32.00.

Poultry Manure (*Pulverized*). See 3rd cover. An excellent plant food for flowers, vegetables, fruits, lawns, etc.; rich in nitrogen, phosphoric acid and potash. F. o. b. Philadelphia. 100 lbs., \$3.00; \$14.50 per 500 lbs.; 1,000 lbs., \$28.00; \$52.50 per ton. F. o. b., Buffalo or Chicago. 100 lbs., \$2.75; \$13.00 per 500 lbs.; 1,000 lbs., \$25.00; \$47.50 per ton.

Salt. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 800 lbs. per acre. 100 lbs., \$1.50; \$2.75 per 200 lbs.; 1,000 lbs., \$12.00; \$22.00 per ton.

Sheep Manure (*Wizard Brand*). See 4th cover. Apply 1,000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure; it is clean and is easily handled, besides giving immediate results. Prices, f. o. b. Philadelphia. 20c. per 2 lbs.; 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., 90c.; \$1.70 per 50 lbs.; 100 lbs., \$3.25; \$15.00 per 500 lbs.; 1,000 lbs., \$26.50; \$50.00 per ton.

Sheep Manure (*Wizard Brand*). F. o. b. Chicago. For our western and southwestern customers shipment can be made from Chicago at considerable saving in freight charges. 100 lbs., \$2.50; \$10.00 per 500 lbs.; 1,000 lbs., \$17.00; \$32.00 per ton.

Soot (*Imported Scotch*). This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs., 60c.; \$1.00 per 10 lbs.; 25 lbs., \$1.75; \$6.50 per 112 lbs.; 560 lbs., \$30.00.

Stim-U-Plant. A plant food in tablet form; contains highly concentrated, immediately available forms of plant food for use in stimulating all fruit, flower, vegetable and ornamental plants, and may be used in tablet or in liquid form. Per pkg. of 30 tablets 25c.; 75c. per pkg. of 100 tablets; 1,000 tablets, \$3.50.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis: equal to 25% of ammonia. 5 lbs., 40c.; 75c. per 10 lbs.; 25 lbs., \$1.65; \$3.00 per 50 lbs.; 100 lbs., \$5.50; \$10.50 per 200 lbs.

Sulphate of Ammonia (*Arcadian*). A concentrated nitrogenous top-dressing fertilizer; entirely soluble and immediate in its action. Analysis: 25¼% ammonia or 20¾% nitrogen. Price upon application.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis equal to 50% of actual potash. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.25; \$8.00 per 200 lbs.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.25; \$6.00 per 200 lbs.; 1,000 lbs., \$27.00; \$52.50 per ton.

Thomson's Special Flower, Vegetable and Vine Manure. Imported from England; this excellent chemical fertilizer is a reliable food and stimulant for every fruit-bearing plant, also for foliage and flowering plants and vegetables of all descriptions. 28 lb. bags, \$2.75; \$5.00 per 56 lbs.; 112 lbs., \$8.50.

Tobacco Stems. For fumigating, mulching and fertilizing. Bu., 60c.; \$1.25 per bbl. sack; in large bales at 2c. per lb.; ½ ton, \$15.00; \$25.00 per ton.

Tobacco Stems (*Shredded*). For mulching flower beds, plant benches, top dressing lawns, etc.; acts as an insecticide as well as a fertilizer. 5 lbs., 20c.; 40c. per 10 lbs.; 25 lbs., 90c.; \$1.60 per 50 lbs.; 100 lbs., \$2.75; \$12.00 per 500 lbs.; 1,000 lbs., \$23.00; \$45.00 per ton.

Wheat Fertilizer. For grass and grain crops. Apply 800 lbs. per acre. In 200-lb. bags only. \$4.25 per 200 lbs.; 1,000 lbs., \$18.00; \$35.00 per ton.

Wood Ashes. See ashes at top of opposite page.

MICHELL'S INSECT DESTROYERS

Directions for using any of the following will be found on each package. It is unlawful to send poisons by Parcel Post.



Ant Exterminator. A powder that is used for distributing around buildings, on greenhouse benches, on lawns, gardens and any other places infested by ants. Per $\frac{1}{4}$ lb., 25c.; 45c. per $\frac{1}{2}$ lb.; lb., 70c.; \$3.00 per 5 lbs.

Aphine. For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. $\frac{1}{4}$ pt., 25c.; 40c. per $\frac{1}{2}$ pt.; pt., 65c.; \$1.00 per qt.; per gal., \$3.00.

Aphis Punk A paper that has been thoroughly saturated with nicotine for controlling green and black fly and many other forms of insects. Used for fumigating, giving off dense fumes of nicotine. Contains none of the ammonia which causes injury to delicate plants. It is especially recommended for destroying many insects injurious to roses, chrysanthemums, sweet peas, smilax and ferns. (For use in greenhouses only.) Per pkg., of 12 sheets, 85c.; \$8.50 per case of 12 pkgs.

Arsenate of Lead (Paste). For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth; dilutes 1 lb. to 25 gals. water. Per lb., 40c.; \$1.75 per 5 lbs.; 10 lbs., \$3.40; \$6.50 per 25 lbs.; 50 lbs., \$12.50; \$24.00 per 100 lbs.

Arsenate of Lead (Powdered). 1 lb. to $1\frac{1}{2}$ lbs. dilutes to 50 gals. of water, or may be used dry, like Paris Green. Per lb., 50c.; \$2.25 per 5 lbs.; 10 lbs., \$4.25; \$9.50 per 25 lbs.; 50 lbs., \$17.50; \$32.50 per 100 lbs.

Black Leaf 40. Full directions on each package. Per 1 oz. bottle, 35c.; \$1.25 per $\frac{1}{2}$ lb.; 2 lbs., \$3.50; \$13.50 per 10 lbs.

Bordeaux Arsenate. A combined fungicide and insecticide. For fruit trees, potatoes, melons, cucumbers, etc.; also for mildew, black spots, etc., on roses. Per lb., 40c.; \$1.50 per 5 lbs.; 10 lbs., \$3.00; \$6.00 per 25 lbs.; 50 lbs., \$11.00; \$21.00 per 100 lbs.

Bordeaux Mixture (Paste). Used principally for mildew, blight and fungus diseases that affect potatoes and fruit trees; by adding water it is ready for use. In 5-gal. kegs only, price, \$7.00.

Bordeaux Material (Dry Form). Per lb., 25c.; \$1.00 per 5 lbs.; 10 lbs., \$1.75; \$3.75 per 25 lbs.; 50 lbs., \$6.50; \$12.00 per 100 lbs.

Borer-Wax. For painting trees to destroy and keep away borers. Per qt., 50c.; \$1.75 per gal.; 6 gal. can, \$9.00.

Bug Death. Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 15c.; 40c. per 3 lbs.; 5 lbs., 65c.; \$1.35 per $12\frac{1}{2}$ lbs.; 100 lbs., \$8.00.

Carbolineum (Arvenarius). A germicide and disinfectant for purifying poultry houses, stables, etc.; also an excellent wood preserver when used as a paint. Per gal., \$1.40; \$6.50 per 5 gals.

Clenel. (Paterson's Concentrated). A superior insecticide and fungicide made in Scotland and is destined to control Thrip, Aphis, Green Fly, White Fly, Red Spider, fungous diseases and many other pests. Pint can, \$1.00; \$3.00 per $\frac{1}{2}$ gal.; per gal. \$5.00.

Copper Solution. Made of sulphate of copper and other materials. Excellent spray for carnation rust and diseases of the grape, pear, apple, and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., \$1.25; \$3.50 per gal.

Cut Worm Destroyer. For killing cut worms, grubs, maggots and other insects that work in the soil. \$1.25 for 5 lbs.; 25 lbs., \$4.25; \$16.00 per 100 lbs.

Cyanegg. For generating Hydrocyanic Acid Gas. Claimed to be the best remedy for killing the white fly. Per lb., 80c.; \$3.25 per 5 lbs.

Dalmatian or Persian Powder. For ridding buildings of insect pests, particularly roaches, ants, moths and fleas. Per $\frac{1}{4}$ lb., 35c.; 60c. per $\frac{1}{2}$ lb.; \$1.10 per lb.

Fish Oil Soap. An excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. It is nice for washing off lemon trees, oleanders, and almost anything that would be infested with soft-shelled or in fact most any kind of insect. Dissolved in water according to various purposes. Per $\frac{1}{2}$ lb., 10c.; 15c. per lb.; 5 lbs., 65c.; \$1.20 per 10 lbs.; 25 lbs., \$2.25; \$4.25 for 50 lbs.; \$8.00 per 100 lbs.

Fish Oil Soap (Good's Caustic). Used extensively as a tree spray and as a summer remedy for San Jose Scale; it comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. Per lb., 15c.; 70c. per 5 lbs.; 10 lbs., \$1.25; \$2.75 per 25 lbs.; 50 lbs., \$5.00; \$9.00 per 100 lbs.

Fish Oil Soap (Rosin). Especially recommended for the destruction of boxwood maggot, bag worm and caterpillars. Full directions on each package. Per 5 lbs., \$1.25; \$2.25 per 10 lbs.; 25 lbs., \$3.75; \$6.50 per 50 lbs.; 100 lbs., \$11.00.

Flyosan. Quickly kills flies and other insect pests; applied with a sprayer. Per pt., 75c.; \$1.25 per qt.; $\frac{1}{2}$ gal., \$2.25; \$4.00 per gal.

Getz There Soap. Ideal for washing palms and spraying in place of Whale Oil Soap. 2 lbs., 50c.; \$1.50 per 8 lbs.; 25 lbs., \$3.00; bbl. lots, 11c. per lb.

Grape Dust. A powder preparation used for mildew, aphids, black fly, and other insects and fungus diseases, principally in greenhouse. Per 5 lbs., 85c.; \$1.60 per 10 lbs.; per 25 lbs., \$3.75; \$13.75 per 100 lbs.

Hellebore. The ideal material for destroying rose bugs, currant worms, and other soft-shelled insects that infest the garden. It can be applied dry or in liquid form. $\frac{1}{4}$ lb., 18c.; 35c. per $\frac{1}{2}$ lb.; lb., 60c.; \$2.75 per 5 lbs.

Insecticide (Zenke's). A powerful liquid contact insecticide, embodying the most effective elements which destroy most of the class of sucking insects lying on the leaf surface so as to be in reach of actual contact. Per 8 oz., 20c. (\$2.00 per doz. cans); gal., \$2.00.

I X L Compound. An English preparation for spraying; harmless to very delicate plants. Kills mealy bug, red spider and all insect pests. Per gal., \$7.00.

Kaylox. A powder preparation which can be used for dusting as well as spraying; adapted for spraying for late broods of codling moth on apples, also for potato beetles, caterpillars and many leaf-eating insects on fruit and other trees, also cabbage, cauliflower and other plants. A preventive of many blights and certain fungus diseases. Per $\frac{1}{2}$ lb., 30c.; 60c. per lb.; 5 lbs., \$2.50; \$4.50 per 10 lbs.; 25 lbs., \$10.00; \$19.50 per 50 lbs.; 100 lbs., \$37.00.

Kerosene Emulsion (Liquid) (Miscible Oil). Diluted in water this makes an excellent spray for all mild forms of scale, and soft lice such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Per pt., 45c.; 75c. per qt.; gal., \$1.75.

Lemon Oil Insecticide. The best and cheapest insecticide in the market. Used by nearly all the leading growers. It effectively destroys mealy bug, scale, thrip and red spider. Per $\frac{1}{2}$ pt., 30c.; 55c. per pt.; qt., 90c.; \$1.65 per $\frac{1}{2}$ gal.; gal., \$2.75; \$10.50 per 5-gal. keg.

Directions for using any of the following will be found on each package. It is unlawful to send poisons by Parcel Post.

Lime Sulphur. For scale insects on trees and shrubs, and such fungus diseases as can be treated in winter or early spring; also for leaf curl of peaches. Per qt., 45c.; 65c. per ½ gal.; gal., 90c.; \$3.75 per 5 gals.; ½ bbl. (30 gals.), \$10.75; \$14.00 per bbl. (50 gals.).

Lime Sulphur (Dry Powder Form). Powdered Lime Sulphur is becoming very popular on account of the small expense for shipping. It is instantly soluble in either cold or hot water; dilute 1 lb. to 6 gals. of water; does not separate, keeps indefinitely. Per lb., 30c.; \$1.25 per 5 lbs.; 10 lbs., \$2.00; \$4.25 per 25 lbs.; 100 lbs., \$13.00.

CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime-Sulphur solution; one should be in the hands of every man who uses this material. Price, \$1.00. (Postpaid, \$1.10.) With directions.

Mag-O-Tite. Protects crops against the ravages of the root maggot and other garden pests; also eradicates earth worms from lawns, etc.; also a valuable stimulant and fertilizer. Per 2 lbs., 35c.; 60c. per 4 lbs.; 8 lbs., \$1.00; \$2.50 per 25 lbs.; 100 lbs., \$8.50.

Melrosine. An efficient Rose Bug remedy. A powerful and highly concentrated insecticide, used as a spray, when diluted with from 20 to 25 times its bulk of water. Per ½ pt., 50c.; \$1.00 per pt.; qt., \$1.75; \$3.25 per ½ gal.; gal., \$6.00.

Mo-Lo. A preparation for destroying and driving away moles. Per pkg., 22c.

Nico-Fume (Liquid). A modern insecticide for vaporizing and spraying. Per ¼ lb., 75c.; \$2.25 per lb.; 4 lbs., \$8.00; \$15.00 per 8 lbs. Special contract price on large orders.

Nico-Fume Paper. For fumigating greenhouses, conservatories, etc. Per box of 24 sheets, \$1.25; \$5.50 for 144 sheets; 288 sheets, \$10.00.

Nico-Fume Tobacco Powder (Fumigator). A 12½% nicotine fumigator for greenhouse use; burns efficiently and dispenses dense fumes of nicotine; complete with directions in each can. \$1.25 per 1 lb. tin; 5 lb. size, \$4.75; \$8.50 per 10 lb. size.

Nicotine (Hall's) (40%). For use in greenhouses and outdoor spraying. ½ lb. can, \$1.40; \$4.25 per 2 lb. can; 8 lb. can, \$15.00.

Nicotine Fumigator (Hall's) (12½%). \$1.25 per 1 lb. tin; 2½ lb. size, \$2.50; \$8.50 per 10 lb. size.

Nikoteen (30% solution). One of the very best forms of tobacco or nicotine preparations; usually diluted in water; makes a most satisfactory spray as well as vapor; excellent for pea lice in the garden. Per 1 oz. bottle, 25c.; 40c. per 1¾ oz. bottle; ½ lb. bottle, \$1.25; \$2.00 per 1 lb. bottle; 4 lb. bottle, \$7.25; \$13.00 per 8 lb. bottle.

Paris Green. A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. It may be used in liquid form, 1 pound in 50 gallons of water, or with Land Plaster at the rate of 1 pound Paris Green to 100 pounds Land Plaster. Per ¼ lb., 15c.; 30c. per ½ lb.; 50c. per lb.; \$2.25 per 5 lbs.; 14 lbs., \$5.75.

P. T. B. (Para-Dichlorobenzine). For peach tree borers; full directions on each package. Per 1 lb. can, 50c.; \$2.25 per 5 lb. can; 10 lb. can \$3.75; \$7.50 per 25 lb. keg; 50 lb. keg, \$14.50; \$27.50 per 100 lb. keg.

Pyrox (Bowker's). A combined insecticide and fungicide for all leaf eating insects, blights and fungus troubles; it is a pasty substance, and needs only to be mixed with cold water. Per lb., 40c.; \$1.50 per 5 lbs.; 10 lbs., \$2.50; \$5.75 per 25 lbs.; 50 lbs., \$10.00; \$18.00 per 100 lbs.; 300 lbs., \$51.00.

Rat Corn. For destroying rats and mice in greenhouses, hotbeds, etc., not poisonous to other animals. 25c., 50c. and \$1.00 per box.

Readana Rose Bug Extreminator. Used for destroying rose bugs, green fly, mealy bug, blight, mildew, etc. Harmless to the most delicate plant. 4 oz. can, 25c.; 50c. per 8 oz.; 24 oz., \$1.00; \$4.00 per gal.

Scalecide. Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons water. Spray during the winter or early spring when the trees are dormant. Per qt., 60c.; \$1.45 per gal.; 5 gals., \$6.00; \$10.50 per 10 gals.; 30 gals., \$26.00; \$37.50 per 50 gals.

Scale Destroyer (Soluble Oil). For San Jose Scale; 1 gal. dilutes to 20 gals. water. Per qt., 60c.; 85c. per ½ gal.; gal., \$1.50; \$6.50 per 5 gals.; 50 gal. barrel, \$40.00.

Shoo Fly. For keeping flies off cattle and horses; used with a spray or a sponge. Per qt., 50c.; \$1.35 per gal.

Slug Shot. The standard remedy for currant worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. Per 1 lb. canister, 16c.; 55c. per 5 lbs.; 10 lbs., \$1.10; \$2.65 per 25 lbs.; 100 lbs., \$10.00; full barrel lots (about 250 lbs.), 9¼c. per lb., f. o. b., Philadelphia.

Soap Spray. An all around outdoor greenhouse insecticide. Per pt., 60c.; 85c. per qt.; gal., \$2.75; \$11.00 per 5 gals.; 10 gals., \$20.00.

Sodium Cyanide. (See Cyanegg.)

Sulco-V. B. Will control San Jose and other scale insects, and many species of plant lice and fungus diseases. Pt., 30c.; 55c. per qt.; ½ gal., \$1.00; \$1.75 per gal.; 5 gals., \$6.00.

Sulphate of Copper. For destroying fungus diseases of all kinds; also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Per lb., 13c.; 60c. per 5 lbs.; 10 lbs., \$1.10; \$2.50 per 25 lbs.; 100 lbs., \$9.00.

Sulphur. Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale, when it is used in connection with lime and salt. Per lb., 8c.; 40c. per 5 lbs.; 10 lbs., 80c.; \$1.75 per 25 lbs.; 100 lbs., \$6.50; barrel lots (about 200 lbs.), 6¼c. per lb.

Sulphur Candles. For fumigating in sick rooms, also in conservatories and greenhouses. Large, 25c. each; per doz., \$2.75; small, 15c. each; per doz., \$1.70.

Thrip Juice (Hammond's No. 2). This preparation is very effective against aphids, red spider, mealy bugs and sucking insects generally. Per pt., 75c.; \$1.25 per qt.; gal., \$3.50.

Tobacco Dust (For dusting only). Excellent for lettuce and other plants to destroy soft, creeping insects. Per lb., 8c.; 30c. per 5 lbs.; 10 lbs., 50c.; \$1.00 per 25 lbs.; 100 lbs., \$3.25; \$15.00 per 500 lbs.; 1000 lbs., \$25.00; \$45.00 per ton.

Tobacco Dust (Special dusting or fumigating). A specially prepared article. Per 5 lbs., 40c.; \$1.50 per 25 lbs.; 50 lbs., \$2.75; \$5.00 per 100 lbs.; 500 lbs., \$23.50.

Tobacco Soap (Sulpho). A combination of tobacco extract and sulphur; fine for washing and spraying plants; dissolve in warm water. 3 oz. pkgs., 90c. per doz.; per 100, \$6.50; 6 oz. pkgs., \$1.50 per doz.; per 100, \$12.00; 10 lb. cakes, \$3.20; \$7.50 per 25 lbs.

Tobacco Stems (Fresh). Used principally for fumigating and under benches in greenhouse. They may also be steeped in hot water and used as a spray. Per lb., 10c.; 60c. per bu.; bbl. bags, \$1.25; large bales at 2c. per lb.; ½ ton, \$15.00; \$25.00 per ton.

Tobacco Stems (Shredded). For mulching flower beds, top dressing lawns, etc.; acts as a fertilizer as well as an insecticide. 5 lbs., 20c.; 40c. per 10 lbs.; 25 lbs., 90c.; \$1.60 per 50 lbs.; 100 lbs., \$2.75; \$12.00 per 500 lbs.; 1,000 lbs., \$23.00; \$45.00 per ton.

Tree Bands (Standard). Made of heavy waterproof paper, with a sticky material under the canopy; protects trees against worms, caterpillars, etc. Per 25 foot roll, \$1.50; \$5.50 per 100 foot roll.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band. Caterpillars and other crawling pests cannot get over it. Per lb., 50c.; \$2.40 per 5 lb. can; 10 lbs., \$4.50; \$8.75 per 20 lbs.

Wilson's O. K. Plant Spray. A powerful yet harmless and efficient insecticide, for aphids, red spider, mildew, scale, etc., for inside and outside spraying. Per gal., \$3.00.

Worm Destroyer (Michell's) (For Earth Worms). This is a powder and is distributed over a given surface and soaked with water, which causes the worms to come to the surface and die where they may be scooped up readily. It also acts as a fertilizer as well as worm destroyer. Per 112 lb. bag, \$6.50; \$31.25 per 560 lbs.; 1120 lbs., \$57.50; \$110.00 per 2240 lbs.

Worm Eradicator (Reade's Electric). This has been found to effectually destroy worms in greenhouse benches and in potted plants, or for outdoor use in the flower and vegetable garden, or among trees. \$1.00 per 24 oz.; gal., \$4.00.

Zenke's Insecticide. (See Insecticide.)

Zenoleum. A germicide and disinfectant. Zenoleum is a concentrated solution of coal tar. It mixes with hot or cold water. It will penetrate deeper and more rapidly than any other disinfectant. Per ½ pt., 35c.; 75c. per qt.; ½ gal., \$1.25; \$2.00 per gal.

Lamps for Vaporizing Nicotine Solutions. 75c. each; 6 for \$4.00.

MICHELL'S FLOWER POTS, TUBS, ETC.

Orchid Pan

Earthen
Fern PanFern Dish
Liner

Seed Pan

Wood Fibre
Flower Vase

Cedar Tub

Keystone Tub

Earthen
Flower PotAzalea
PotEarthen
Bulb PanEarthenware
SaucerWood Fibre
Saucer

Rolling Stand

FERN DISH LINERS

Width	Depth	Each	Doz.	100
7 in.	1 1/2 in.	\$0.15	\$1.56	\$11.88

FLOWER VASES (Galv. Iron)

No.	Top Diam.	Depth	Cap	Each	Doz.
65	7 1/2 in.	8 in.	8 Qt.	\$0.40	\$4.25
66	8 3/4 " "	10 " "	10 " "	.55	6.00
67	7 3/4 " "	12 " "	12 " "	.65	7.00
68	8 3/4 " "	12 1/2 " "	14 " "	.75	8.00
69	8 3/4 " "	18 " "	16 " "	.90	10.00
70	9 " "	24 " "	20 " "	1.25	13.00

WOOD FIBRE VASES

No.	Diam.	Depth	Weight	Each	Doz.
0	8 in.	13 in.	4 lbs.	\$1.40	\$15.80
1	5 1/2 " "	10 " "	2 1/2 " "	1.25	13.75
2	4 1/2 " "	9 " "	1 1/2 " "	1.10	12.25
3	4 " "	6 " "	1 1/2 " "	.95	10.25
4	3 " "	4 1/2 " "	3/4 " "	.75	8.70
11	5 " "	18 " "	4 " "	1.65	18.70
22	4 1/2 " "	15 " "	2 " "	1.50	17.00
33	4 " "	12 " "	2 " "	1.35	15.30
44	3 " "	9 " "	1 " "	1.05	11.90

PAPER FLOWER POTS

Ins.	Parcel Post	Weight	100	1000
2 1/4	3 oz.	2 lbs.	\$0.44	\$3.57
2 1/2	3 " "	2 " "	.52	4.50
3	5 " "	2 " "	.70	6.09
3 1/2	7 " "	3 " "	.91	7.82
*4	8 " "	4 " "	1.14	9.77
*5	15 " "	7 " "	1.77	15.07
*6	2 lbs.	11 " "	2.37	20.05

Sizes marked * are packed 500 to a crate, other sizes 1000. Special price will be quoted on paper pots f. o. b. factory.

AZALEA POTS

Diam.	Depth	Doz.	100	1000
5 in.	4 1/2 in.	\$0.59	\$4.32	\$37.80
6 " "	5 " "	.88	6.48	56.70
7 " "	6 " "	1.46	10.80	94.50
8 " "	7 " "	2.11	15.60	136.50

EARTHEN BULB PANS

Diam.	Each	Doz.	100	1000
6 in.	\$0.08	\$0.88	\$6.48	\$56.70
7 " "	.14	1.46	10.80	94.50
8 " "	.20	2.11	15.60	136.50
9 " "	.30	3.24	24.00	
10 " "	.41	4.38	32.40	
12 " "	.83	8.91	66.00	
14 " "	1.35	14.58	108.00	

POT HANGERS

Weight	per doz.	Each	Doz.	Gross
Krick's No. 1, 3 to 5-in. pots...	1 lb.	\$0.06	\$0.60	\$5.00
Krick's No. 2, 6 and 7-in. pots...	1 lb.	.07	.70	5.50
Krick's No. 3, 8 to 10-in. pots...	1 lb.	.08	.80	6.00
Eureka. For all sizes of pots. Made of galvanized wire, 15c. each; per doz., \$1.50; \$11.00 per 100.				

Discount on Earthen Flower Pots, Bulb Pans and Saucers is 2 per cent, for cash with order or if paid in 15 days from date of bill. All earthenware shipped at buyer's risk. All prices on earthenware are f. o. b. Philadelphia. In some instances arrangements can be made for delivery by auto truck direct from pottery at a special charge for hauling.

EARTHENWARE SAUCERS

Diam.	Doz.	100
4 inches	\$0.25	\$1.80
5 " "	.33	2.40
6 " "	.49	3.60
7 " "	.65	4.80
8 " "	.90	6.60
9 " "	1.22	9.00
10 " "	1.46	10.80
11 " "	1.79	13.20
12 " "	2.19	16.20
14 " "	3.65	27.00

WOOD FIBRE SAUCERS

Diam.	Parcel Post	Weight	Each	Doz.
5 inches	1/4 lb.	\$0.27	\$3.06	
6 " "	1/4 " "	.30	3.49	
7 " "	1/2 " "	.32	3.57	
8 " "	1/2 " "	.34	3.83	
9 " "	3/4 " "	.37	4.17	
10 " "	3/4 " "	.40	4.51	
12 " "	1 1/4 " "	.47	5.36	
14 " "	1 1/2 " "	.63	7.14	
16 " "	2 " "	1.13	12.75	
18 " "	2 1/2 " "	1.31	14.79	
20 " "	3 " "	1.65	18.70	

ROLLING STANDS

Ins.	Will Fit	Pot	Tub	Each	Doz.
12	2 lbs.	10 in.		\$0.81	\$9.18
14	2 1/2 " "	12 " "	No. 8	1.05	11.90
18	3 1/2 " "	16 " "	No. 7-6	1.80	20.40
22			No. 4	2.25	25.50

Rolling stands sold complete only.

ORCHID PANS

(Earthen)	Each	Doz.
4 inches diam.	\$0.09	\$0.90
5 " "	.12	1.35
6 " "	.18	1.60
8 " "	.30	2.70
10 " "	.50	4.96
12 " "	.90	8.25

EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1 1/8 in.	\$0.05	\$0.49	\$3.60
4 3/4 " "	2 1/8 " "	.06	.65	4.80
5 1/2 " "	2 1/4 " "	.08	.81	6.00
6 1/4 " "	2 1/2 " "	.09	.98	7.20
7 " "	2 5/8 " "	.11	1.14	8.40
8 " "	3 1/8 " "	.15	1.62	12.00
9 " "	3 1/4 " "	.18	1.95	14.40

EARTHEN FLOWER POTS

Width Inside	Doz.	100	1000
1 inch	\$0.15	\$1.08	\$9.45
2 " "	.13	.91	7.88
2 1/4 " "	.14	1.03	8.93
2 1/2 " "	.17	1.20	10.50
3 " "	.21	1.56	13.65
3 1/2 " "	.27	1.92	16.80
4 " "	.33	2.40	21.00
4 1/2 " "	.45	3.24	28.35
5 " "	.59	4.32	37.80
5 1/2 " "	.73	5.40	47.25
6 " "	.88	6.48	56.70
6 1/2 " "	1.17	8.64	75.60
7 " "	1.46	10.80	94.50
8 " "	2.11	15.60	136.50
9 " "	3.24	24.00	
10 " "	4.38	32.40	
11 " "	6.48	48.00	
12 " "	8.91	66.00	
14 " "	14.58	108.00	

CEDAR TUBS

Equipped with Strong Iron Hoops

These are made by hand, of the very best white cedar, painted green. All measurements are inside.

No.	Inside Diam.	Length of Stave	Depth	Price
No. 0	24 3/4 in.	22 3/4 in.	24 in.	\$10.30
No. 1	23 3/8 " "	20 1/4 " "	22 " "	9.20
No. 2	21 " "	18 7/8 " "	20 " "	8.20
No. 3	18 1/2 " "	17 7/8 " "	18 " "	6.70
No. 4	16 1/2 " "	14 7/8 " "	16 " "	5.40
No. 5	14 1/8 " "	13 1/8 " "	14 " "	4.90
No. 6	12 1/8 " "	10 7/8 " "	12 " "	3.90
No. 7	11 3/4 " "	9 7/8 " "	10 " "	3.40
No. 8	10 1/16 " "	9 1/16 " "	9 1/2 " "	2.95

MICHELL'S KEYSTONE PLANT TUBS

Made of white cedar, painted green and bound with strong wire hoops. Handles are sold separately at 25c. per pair.

No.	Inside Diam.	Depth	Each	Doz.	100
1	6 in.	6 in.	\$0.55	\$6.00	\$47.50
2	7 " "	7 " "	.57	6.25	50.50
3	8 " "	8 " "	.62	6.75	53.40
4	9 " "	9 " "	.66	7.20	57.00
5	10 " "	9 " "	.78	8.55	67.50
6	11 " "	10 " "	.96	10.80	87.50
7	12 " "	11 " "	1.16	12.60	100.00
8	13 " "	12 " "	1.48	16.80	127.30
9	14 " "	13 " "	1.70	18.35	
10	15 " "	14 " "	1.85	20.05	
11	16 " "	15 " "	2.10	21.90	
12	17 " "	16 " "	2.46	26.65	
13	18 " "	17 " "	2.94	31.80	
14	19 " "	18 " "	3.55	38.40	

No. 2, Special Pail Tub, 10 3/4-in. diam.; 8-in. deep. Per doz., \$7.65; \$61.00 per 100.

ALL PRICES SUBJECT TO MARKET CHANGES

(ow)



PULVERIZED POULTRY MANURE

ONE OF THE BEST FERTILIZERS FOR

FLOWERS, LAWNS, FRUITS and VEGETABLES

Endorsed by Florists, Golf Clubs, Fruit Growers and Market Gardeners

FLOWERS It has been thoroughly tried by florists, under glass and in the field. Applied in tilling or as a top dressing or in solution as a liquid manure. Growth and coloring produced are marvelous. Leading florists claim it is the best fertilizer they have ever used.

LAWNS For lawns it has no equal. Golf Clubs and Parks depend upon the color and texture of the turf for their success. Appearance is everything to them.

FRUITS Nearly all fruits depend on their ability to obtain nitrogen in available form. They also require phosphoric acid and potash. Bacterial action is also important. This fertilizer furnishes all these elements in proper proportions and in quickly available form.

VEGETABLES Nearly all vegetables are heavy feeders on nitrogen but also require phosphoric acid and potash. This fertilizer produces quick growth,

rapid development and enormous yields of choicest quality. It is ideal for garden use and superior in results produced.

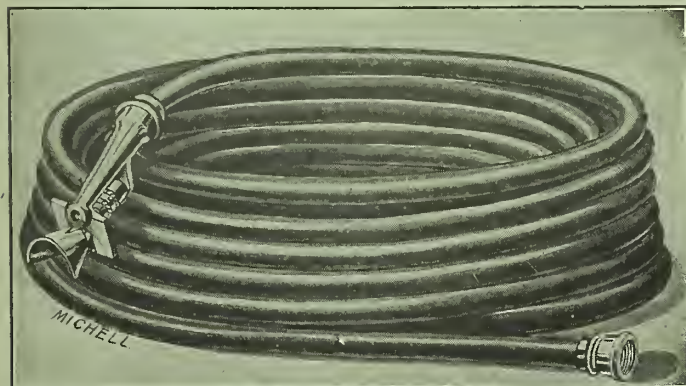
AMOUNT TO USE Fruits and vegetables 1000 to 1200 lbs. per acre. Old lawns 30 to 50 lbs. per 1000 square feet. New lawns 40 to 60 lbs. per 1000 square feet. Home gardens 3 to 5 pounds per 100 square feet. Trees 3 to 5 lbs. each. Vines and bushes 1 lb. each. Green houses 60 to 90 lbs. per 500 square feet of bench. Golf courses, putting greens 50 to 60 lbs. per 1000 square feet. Fairways 30 to 40 lbs. per 1000 square feet. Entire 9 hole course 15 to 20 tons or one carload.

Prices f. o. b. Philadelphia.

100 lbs.	\$3.00	1000 lbs.	\$28.00
500 lbs.	14.50	2000 lbs.	52.50

Prices, f. o. b. Buffalo or Chicago

100 lbs.	\$2.75	1000 lbs.	\$25.00
500 lbs.	13.00	2000 lbs.	47.50



MICHELL'S SPECIAL HOSE

Every florist knows how difficult it is to get hose that will stand all the wear and tear of the greenhouse, and we can't help recommending "Michell's Hose" in the highest terms. It's mighty tough, very flexible, and best of all it's a wearer with a record behind it; can be had in any length up to 500 feet; "Michell's Hose" is more than a good hose—it's the BEST.

(Write for a Free Sample)

1/2 inch. 13c. per foot
3/4 inch. 16c. per foot

We also have other good brands of Hose. Prices and samples cheerfully sent on request.

NICO-FUME TOBACCO POWDER, FOR FUMIGATING

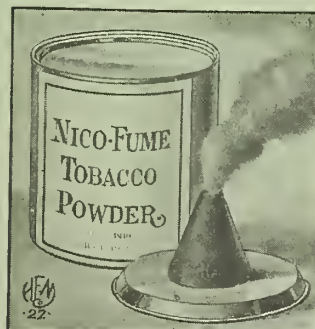
A simple and effective preparation for fumigating greenhouses, for plant-lice and thrips. It is a specially prepared tobacco powder, which has been treated to insure proper burning qualities, and which is saturated with pure Nicotine. A real smudge or punk, easy to use; simply fill the enclosed measuring dipper with the fumigator, press it in gently and place on an inverted, empty tin can. Set the can on the floor and light the cone at the top. It will burn evenly, without flaming, and will be consumed in about five minutes, vaporizing the Nicotine. An ordinary greenhouse, 20 by 100 feet, will require three of the above charges—equally spaced—for strong fumigation, or one (1) measureful for each 7,000 cubic feet of space. Before fumigating a greenhouse see that all ventilators are tightly closed and that the plants are well watered, so that the air will be moist. Fumigate in the evening, if possible, when little or no wind is blowing, and allow the vapors to remain in the house all night. \$1.25 per 1 lb. tin; 5 lb. size, \$4.75; \$8.50 per 10 lb. size.

KEYSTONE PLANT TUBS

Plants, large or small, appear always to better advantage when planted in tubs instead of pots. Tubs have strong welded hoops (and neat handles, when desired, at extra prices, as mentioned below). Made of white cedar, painted green; they are by far the cheapest, neatest, lightest and best florist tub put on the market.

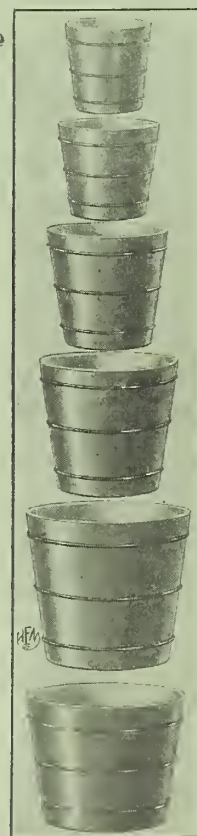
No.	Inside Diam.	Inside Depth	Each	Dozen	Per 100
1	6	6	\$0.55	\$6.00	\$47.50
2	7	7	.57	6.25	50.50
3	8	8	.62	6.75	53.40
4	9	9	.66	7.20	57.00
5	10	9	.78	8.55	67.50
6	11	10	.96	10.80	87.50
7	12	11	1.16	12.60	100.00
8	13	12	1.48	16.80	127.30
9	14	13	1.70	18.35	
10	15	14	1.85	20.05	
11	16	15	2.10	21.90	
12	17	16	2.46	26.65	
13	18	17	2.94	31.80	
14	19	18	3.55	38.40	

If stamped steel side handles are wanted add 25c. a pair to the price of each Tub in single or dozen lots; 20c. a pair in 100 lots.



SPECIAL PAIL TUB No. 2

(See bottom illustration)



The best low-priced palm Tub on the market; painted green, with electrically welded hoops. Diameter inside, 10 3/4 inches at top; 8 3/4 inches at bottom; depth 8 inches. Per dozen, \$7.65; \$61.00 per 100. Be sure and specify Pail Tub when ordering this.

ALL PRICES SUBJECT TO MARKET CHANGES

HENRY F. MICHELL CO., 518-516 MARKET STREET, PHILADELPHIA, PA.

BOOST YOUR PROFITS

The one big reason why WIZARD has won its tremendous following among professional growers is because it has consistently proven that any grower of flowers, fruits, or vegetables can *always* make MORE MONEY with WIZARD than without it. WIZARD makes you money by giving you bigger yields of a quality that brings you higher prices; saves you money by cutting down your labor cost.

WIZARD Sheep Manure

TRADE BRAND MARK

WIZARD BRAND SHEEP MANURE

PULVERIZED—every weed seed killed—the finest sheep manure (strongest and the best of all manures) made easy to handle by an extensive process of drying, sterilizing, screening and grinding. In WIZARD, you get nothing but manure; positively no adulterants of any kind. Bone dry—convenient—the equivalent of a whole wagon load of crude manure in a bag. Not only has a splendid plant food analysis, but, what is more important, supplies HUMUS, that wonderful soil conditioner that makes available for plant use the dormant, inactive plant food locked up in the soil. Humus makes and keeps soils healthy. The amount of humus in your soil determines its fertility.

FOR THE FLORIST

Little need be said to the florist about using WIZARD, because he knows all about the value of manure in the greenhouse. WIZARD gives you pure manure—sterilized, safe and free from weed seed—concentrated and easy to use on the benches for mixing with bench or potting soil and liquid feeding. A half pound to the cubic foot of soil, or one pound to five gallons of water is about the right proportions. Light top dressing with WIZARD SHEEP MANURE is the best feeding for car-

nations, "mums," etc., WIZARD SHREDDED or PULVERIZED COW MANURE is the best for roses. Mixed with the soil and used as a mulch, it is slow and cool in action, and builds strong, hardy plants.

WIZARD SHEEP MANURE is the very best kind of plant food to retail for house plants, window boxes and gardens. Far better than any chemical stimulant, easy and convenient to sell because it comes nicely packed in attractive, two color cartons.

VEGETABLE CROPS

Unequalled for vegetable growing under glass and in the open field. You don't have to follow any special directions or rule because WIZARD is pure concentrated manure—and nothing else. Many successful growers use 1,000 pounds to the acre, scattered broadcast and harrowed in; others drill in 200 to 500 pounds ahead of planting. Coming pulverized, it mixes with the soil readily and gets to work quick. In the past, the market gardener's chief objection to manure was the presence of weed seeds in manure. WIZARD—weed seed killed—overcomes this objection. You can't beat WIZARD for making things grow fast, plentiful and with the least work on your part. Ideal for every kind of vegetation, including lawns, shrubs, vines and fruit trees.

USE WIZARD SURE!

A money-maker for every grower! Insures results! Always safe! Easy to use! Not only grow more but builds up your soil; makes it richer year after year. The ideal natural fertilizer for every crop. WIZARD gives you all the advantages of animal manure with none of its many objectionable features. It has made money for thousands of growers for more than fifteen years. Use WIZARD just once and know the convenience and success it will bring, and you will never plant without it again.

Prices, f. o. b. Philadelphia:

2 lbs.....	\$0.20	100 lbs....	\$ 3.25
5 lbs.....	.35	500 lbs....	15.00
10 lbs.....	.60	1000 lbs....	26.50
25 lbs.....	.90	2000 lbs....	50.00
50 lbs.....	1.70		

Prices, f. o. b. Chicago:

100 lbs....	\$ 2.50	1000 lbs....	\$17.00
500 lbs....	10.00	2000 lbs....	32.00



WIZARD
BRAND

Cow
Manure

Shredded—for mulching and top dressing. Pure Cow Manure from Chicago Stock Yard cattle pens. Dried and sterilized by the WIZARD direct heat process and packed in coarse shredded form. Cow manure is especially valuable in light sandy soil and for roses, ferns, etc., because it is a slow, cool acting manure. Largely used in preparing soil for growing flowers and vegetables in greenhouses and for top dressing benches. Excellent for liquid manuring.

Pulverized—is shredded Cow Manure continued through the grinding process to produce a finely ground product. Cow Manure is packed in 100-pound bags only.

Prices, f. o. b. Philadelphia:

100 lbs.....	\$3.25	1000 lbs.....	\$26.50
500 lbs.....	15.00	2000 lbs.....	50.00

Prices, f. o. b. Chicago:

100 lbs.....	\$2.50	1000 lbs.....	\$16.00
500 lbs.....	15.00	2000 lbs.....	30.00

HENRY F. MICHELL CO., 518-516 Market St., Philadelphia, Penna.